



CERTIFICATE OF ACCREDITATION

CHENNAI METTEX LAB PRIVATE LIMITED

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

"General Requirements for the Competence of Testing & Calibration Laboratories"

and fulfills the requirements of FSSAI, EIC, APEDA, Tea Board & IOPEPC for its facilities at

Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu in the field of

TESTING TC-5589 (Integrated) 16/06/2022

Certificate Number

Issue Date

Valid Until

15/06/2024

FSSAI: 16/06/2022, EIC: 16/06/2022, APEDA: 16/06/2022, Tea Board: 16/06/2022, IOPEPC: 16/06/2022

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL. (To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Identity: CHENNAI METTEX LAB PRIVATE LIMITED

Signed for and on behalf of NABL



N. Venkateswaran **Chief Executive Officer**







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 1 of 306

Validity 16.06.2022 to 15.06.2024 Last Amended on 04.09.2022

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested /	Test Method Specification against	Range of Testing / Limits of Detection
			Specific Test Performed/ Tests or type of Test	which tests are performed and / or the	
		190	Performed / Tests or type of tests Performed	techniques / equipment used	

Permanent Facility

1.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Dairy Products:- Dairy & Dairy Products.(Raw & Processed) Milk	Total Plate Count/Aerobic Plate Count/Aerobic Microbial Count / Total Bacterial Count	IS 5402: 2012 ISO 4833-1: 2013	≥10 cfu/g or ≥1cfu/ml
2.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	powder, Skimmed milk powder, Partly Skimmed milk powder,	Coliform count (Enumeration method)	IS 5401 Part 1: 2002 ISO 4832: 2006	≥10 cfu/g or ≥1cfu/ml Present/Absent/0.1g/ ml
3.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Condensed milk, Cream Powder, Cream (Pasteurised,	Escherichia coli (Enumeration method)	IS 5887 Part 1:1976 ISO 16649-2:2001	≥10 cfu/g or ≥1cfu/ml Present/Absent/0.1g/ ml Present/Absent/g/ml
4.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Sterilised, UHT) & Malai, Butter oil, Dairy whitener, Whey Powder,	Staphylococcus aureus (Enumeration method)	IS 5887 Part 2:1976 IS 5887 (Part 8/Sec. 1):2002 ISO 6888-1: 2021	≥10 cfu/g or ≥1cfu/ml Present/Absent/0.1g/ ml Present/Absent/g/ml
5.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Pasteurized milk, Boiled Milk, Sterilised Milk, Evaporated/	Salmonella	IS 5887 Part 3:1999 ISO 6579-1:2017	Present/Absent/25 g or ml
6.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Concentrated Milk, Flavoured Milk, Butter (Pasteurized),	Shigella	IS 5887 Part 7:1999	Present/Absent/25 g or ml
7.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Khoa, Khoa based sweets, Paneer, Channa, Channa based sweets,	Listeria monocytogenes	IS 14988 Part 1: 2020 ISO 11290-1:2017	Present/Absent/ 25g or ml
8.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Infant Formula, Follow-up-formula, Complementary foods, Infant milk	Yeast and Mould	IS 5403:1999	≥10 cfu/g or ≥1cfu/ml Present/Absent/0.1g/ ml







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 2 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	substitutes, Infant milk food, Milk and dairy-based drinks, Buttermilk,	Sulphite Reducing Clostridia	ISO 15213: 2003	≥10 cfu/gm or ≥1cfu/ml
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Fermented Milk, Fermented Milk Powder products, and Renneted milk	Bacillus cereus	IS 5887 Part 6:2012 ISO 7932: 2004	≥10 cfu/g or ≥1cfu/ml
11.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	products, Dairy and Non-Dairy based beverage whitener, whipping and whipped creams, and reduced fat creams, Clotted cream, Cheese (Fresh, Processed, Plain, Flavoured, Cheddar, Cottage, Soft, Semisoft, Ripened, Unripened {Rind}), Cheese Produsts, Cheese Spreads, Cheese powder, Whey cheese, Whey protein cheese, Dairy-based desserts, Whey and whey products, Ice Cream, Kulfi, Milk Lolly, Dried Ice Cream mix, Frozen Dessert, Ice Candy,	Yeast and Mould	AOAC 2014.05 Ch.17, 21st Edition 2019	≥10 cfu/g/ml







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 3 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Edible Caesin Products, Edible Lactose, Milk Protein Concentrate, Whey Protien Concentrate, Cow & Buffalo Clostrum & Clostrum products, Dairy Permeate Powder.		PIPNK IIM	
12.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Edible ices, Including Sherbet and Sorbet, Ice Lollies, Ice Candies	Total plate count/Aerobic Plate Count/Aerobic Microbial Count / Total Bacterial Count	IS 5402: 2012 ISO 4833-1: 2013	≥10 cfu/g or ≥1cfu/ml
13.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Edible ices, Including Sherbet and Sorbet, Ice Lollies, Ice Candies	Coliform count (Enumeration method)	IS 5401 Part 1: 2002 ISO 4832: 2006	≥10 cfu/g or ≥1cfu/ml
14.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Edible ices, Including Sherbet and Sorbet, Ice Lollies, Ice Candies	Coliform count (MPN method)	IS 5401 Part 2: 2012	< 0.3 to >110MPN/ml &< 3 to >1100MPN/g
15.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Edible ices, Including Sherbet and Sorbet, Ice Lollies, Ice Candies	Escherichia coli (Enumeration method)	IS 5887 Part 1:1976	≥10 cfu/g or ≥1cfu/ml Present/Absent/g/ml
16.	BIOLOGICAL/ FOOD AND AGRICULTURAL	Edible ices, Including Sherbet and Sorbet, Ice	Yeast and Mould	IS 5403:1999	≥10 cfu/g or ≥1cfu/ml







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 4 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCT	Lollies, Ice Candies	15.	(C) (S)	
17.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Edible ices, Including Sherbet and Sorbet, Ice Lollies, Ice Candies	Yeast and Mould	AOAC 2014.05 Ch.17, 21st Edition 2019	≥10 cfu/g/ml
18.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Fruits & Vegetables, Seaweeds, and Nuts and Seeds		W LAB	
19.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Fresh fruits (Green & Ripen), Processed fruits, Frozen,	Total plate count/Aerobic Plate Count/Aerobic Microbial Count / Total Bacterial Count	IS 5402:2012 ISO 4833-1:2013	≥10 cfu/g or ≥1cfu/ml
20.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Dehydrated/Dried, Fruits in vinegar or brine, Canned or bottled,	Enterobacteriaceae	ISO 21528-2 2017	≥10 cfu/g or ≥1cfu/ml
21.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Pasteurized, Candied, Crystalised & Glazed fruits, Fruit	Staphylococcus aureus (Enumeration method)	IS 5887 Part 2:1976 IS 5887 (Part 8/Sec. 1):2002 ISO 6888-1: 2021	≥10 cfu/g or ≥1cfu/ml Present/Absent/g
22.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	preparations (fruit toppings), Fruit- based desserts, Fermented fruit	Escherichia coli (Isolation method)	IS 5887 Part 1:1976	Present/Absent/ 25g/ml
23.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	products, Fruit fillings for pastries, Cooked fruits, Pickled, Acidified,	Yeast and Mould	IS 5403:1999	≥10 cfu/g or ≥1cfu/ml
24.	BIOLOGICAL/ FOOD AND AGRICULTURAL	Thermally processed, Cut or Minimally	Salmonella	IS 5887 Part 3:1999	Present/Absent/25 g or ml







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 5 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCT	Processed, Ready	3"	0 1/21	
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	to eat, Carbonated Fruit beverages, Fruit Jams, Fruit Jellies,	Listeria monocytogenes (Isolation method)	IS 14988 Part 1:2020 ISO 11290-1:2017	Present/Absent/25g or ml
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Marmalades, Fruit Sauces, Fruit- based spreads, Fruit Piulp, Fruit	Vibrio cholerae	IS 5887 Part 5:1976 ISO 21872-1:2017	Present/Absent/25g or ml
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Purees, Fruit Juices, Fruit Nectars & its Concentrates, Fruit	Sulphite Reducing Clostridia	ISO 15213: 2003	≥10 cfu/gm or ≥1cfu/ml
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Nectars & its	Yeast and Mould	AOAC 2014.05 Ch.17, 21st Edition 2019	≥10 cfu/g/ml







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 6 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Thermally processed, Ready to cook, Ready to eat, Vegetable Flakes, Vegetable Sauces, Vegetable salad, Salad dressings, Vegetable Soups, Soup Powder, Soups & Broths, Retort processed and other related vegetable products incliuding Mushrooms & Fungi, Roots & Tubers, Pulses & Legumes, Aloevera, Seaweeds, Nuts & Seeds, Vegetable Jam, Juices, Nectars & its Concentrates, Culinary Paste, Vegetable Chutney.	HITT!	CALIBRATION LABOR ST.	
29.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Cereals And Cereal Products:- Whole, broken, or flaked grain, Flour,	Total plate count/Aerobic Plate Count/Aerobic Microbial Count / Total Bacterial Count	IS 5402:2012 ISO 4833-1:2013	≥10 cfu/g or ≥1cfu/m
30.	BIOLOGICAL/ FOOD AND AGRICULTURAL	Starches, Breakfast cereals, Pastas and noodles, Cereal	Coliform count	IS 5401 Part 1:2002 ISO 4832: 2006	≥10 cfu/g or ≥1cfu/ml Present/Absent/0.1g







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 7 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCT	and starch based	3	0 1/21	
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	desserts, Batter and Dough, Pre- cooked or processed	Escherichia coli (Enumeration method)	IS 5887 Part 1:1976	≥10 cfu/g or ≥1cfu/ml Present/Absent/0.1g Present/Absent/g Present/Absent/10g/ml
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	(cereal/grain/legum e) Products, Ready to Eat Grain Products, Soybean	Staphylococcus aureus (Enumeration method)	IS 5887 Part 2:1976 IS 5887 (Part 8/Sec. 1):2002 ISO 6888-1: 2021	≥10 cfu/g or≥1cfu/ml Present/Absent/0.1g Present/Absent/g
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Products, Malted and Malt Based Foods, Solvent Extracted and	Salmonella	IS 5887 Part 3:1999 ISO 6579-1:2017	Present/Absent/25 g or ml
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Expeller Pressed flour, Sprouted Grains, Sweet Corn Cob or Packed Wet	Shigella	IS 5887 Part 7:1999	Present/Absent/ 25g or ml
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Grains for direct consumption	Listeria monocytogenes (Isolation method)	IS 14988 Part 1:2020 ISO 11290-1:2017	Present/Absent/ 25g or ml
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT		Yeast and Mould	IS 5403:1999	≥10 cfu/g or ≥1cfu/ml Present/Absent/0.1g
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT		Enterobacteriaceae	ISO 21528-2 2017	≥10 cfu/g or ≥1cfu/ml
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT		Bacillus cereus	IS 5887 Part 6:2012 ISO 7932: 2004	≥10 cfu/g or ≥1cfu/ml







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 8 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		1 05/	54		
39.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	B- 3	Vibrio cholerae	IS 5887 Part 5:1976	Present/Absent/ 25g or ml Present/Absent/0.1g
40.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	EDITA		ISO 21872-1:2017	
41.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	P (5)	Vibrio parahaemolyticus	IS 5887 Part 5:1976 ISO 21872-1:2017	Present/Absent/ 25g or ml Present/Absent/0.1g
42.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT		Faecal streptococci/ Enterococci	IS 5887 Part 2:1976	≥10 cfu/gm or ≥1cfu/ml Present/Absent/0.1g
43.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT		Yeast and Mould	AOAC 2014.05 Ch.17, 21st Edition 2019	≥10 cfu/g/ml
44.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Bakery Wares- Bread and ordinary bakery wares and mixes, Fine bakery	Total plate count/Aerobic Plate Count/Aerobic Microbial Count / Total Bacterial Count	IS 5402:2012 ISO 4833-1:2013	≥10 cfu/g or ≥1cfu/ml
45.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	wares (sweet, salty, savoury) and mixes, Baker's Yeast (Dried,	Coliform count	IS 5401 Part 2:2012 ISO 4831: 2006	≥10 cfu/g or ≥1cfu/ml Present/Absent/0.1g
46.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Compressed), Cookies and Pies, Crakers, Cake, Doughnuts and other products	Escherichia coli (Enumeration method)	IS 5887 Part 1:1976	≥10 cfu/g or ≥1cfu/ml Present/Absent/0.1g Present/Absent/g Present/Absent/10g/m







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 9 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		/ 05/	34	0 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Bakery Wares- Bread and ordinary bakery wares and mixes, Fine bakery	Staphylococcus aureus (Enumeration method)	IS 5887 Part 2:1976 I S 5887 (Part 8/Sec. 1):2002 ISO 6888-1: 2021	≥10 cfu/g or ≥1cfu/ml Present/Absent/g Present/Absent/0.1g
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	wares (sweet, salty, savoury) and mixes, Baker's Yeast (Dried,	Salmonella	IS 5887 Part 3:1999 ISO 6579-1:2017	Present/Absent/25 g or ml
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Compressed), Cookies and Pies, Crakers, Cake, Doughnuts and	Shigella	IS 5887 Part 7:1999	Present/Absent/ 25g or ml
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	other products	Listeria monocytogenes (Isolation method)	IS 14988 Part 1: 2020 ISO 11290-1:2017	Present/Absent/ 25g or ml
51.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT		Yeast and Mould	IS 5403:1999	≥10 cfu/g or ≥1cfu/ml Present/Absent/0.1g
52.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT		Enterobacteriaceae	ISO 21528-2 2017	≥10 cfu/g or ≥1cfu/ml
53.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT		Bacillus cereus	IS 5887 Part 6:2012 ISO 7932: 2004	≥10 cfu/g or ≥1cfu/ml
54.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT		Vibrio cholerae	IS 5887 Part 5:1976 ISO 21872-1:2017	Present/Absent/ 25g or ml Present/Absent/0.1g







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 10 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
55.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Bakery Wares- Bread and ordinary bakery wares and mixes, Fine bakery	Vibrio parahaemolyticus	IS 5887 Part 5:1976 ISO 21872-1:2017	Present/Absent/ 25g or ml Present/Absent/0.1g
56.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	wares (sweet, salty, savoury) and mixes, Baker's Yeast (Dried,	Faecal streptococci/ Enterococci	IS 5887 Part 2:1976	≥10 cfu/gm or ≥1cfu/ml Present/Absent/0.1g
57.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Compressed), Cookies and Pies, Crakers, Cake, Doughnuts and other products	Yeast and Mould	AOAC 2014.05 Ch.17, 21st Edition 2019	≥10 cfu/g/ml
58.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Meat and Meat Products including Poultry:-Fresh meat and poultry,	Total plate count/Aerobic Plate Count/Aerobic Microbial Count / Total Bacterial Count	IS 5402:2012 ISO 4833-1:2013	≥10 cfu/g or ≥1cfu/ml
59.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Processed meat, and poultry (Non Heat Treated, Cured, Fermented	Staphylococcus aureus (Enumeration method)	IS 5887 Part 2:1976 IS 5887 (Part 8/Sec. 1):2002 ISO 6888-1: 2021	≥10 cfu/g or ≥1cfu/ml Present/Absent/g
60.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	non heat treated, Heat Treated, Frozen), Processed comminuted meat	Escherichia coli (Enumeration method)	IS 5887 Part 1:1976	≥10 cfu/g or ≥1cfu/ml Present/Absent/g
61.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	and poultry, Edible casings, Marinated, Dried/Dehydrated, Canned, Retort	Yeast and Mould	IS 5403:1999	≥10 cfu/g or ≥1cfu/ml
62.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Pouch products	Salmonella	IS 5887 Part 3:1999 ISO 6579-1:2017	Present/Absent/25g or ml







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 11 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
63.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	5 3 S	Listeria monocytogenes	IS 14988 Part 1: 2020 ISO 11290-1:2017	Present/Absent/25g or ml
64.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	EDITA	Sulphite Reducing Clostridia	ISO 15213: 2003	≥10 cfu/gm or ≥1cfu/ml
65.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	D (3/	Yeast and Mould	AOAC 2014.05 Ch.17, 21st Edition 2019	≥10 cfu/g/ml
66.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Fish and Fish Products including mollusks, crustaceans, and	Total plate count/Aerobic Plate Count/Aerobic Microbial Count / Total Bacterial Count	IS 5402:2012 ISO 4833-1:2013	≥10 cfu/g or ≥1cfu/ml
67.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	echinoderms Fresh fish and fish products, , Semi- preserved fish and	Staphylococcus aureus	IS 5887 Part 2:1976 IS 5887 (Part 8/Sec. 1):2002 ISO 6888-1: 2021	≥10 cfu/g or ≥1cfu/ml Present/Absent/g
68.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	fish products, Fully preserved, including canned or fermented fish and	Yeast and Mould	IS 5403:1999	≥10 cfu/g or ≥1cfu/ml
69.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	fish products (including mollusks, crustaceans, cephalopods and	Escherichia coli	IS 5887 Part 1:1976	<3 to 1100 MPN/g
70.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	echinoderms), Chilled and Frozen, Dried or Salted, Smoked,	Salmonella	IS 5887 Part 3:1999 ISO 6579-1:2017	Present/Absent/25g or ml
71.	BIOLOGICAL/	Processed Fish	Vibrio cholerae	USFDA BAM-Chapter-9	Present/Absent/25g or







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 12 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCT	Products		2004	ml
72.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	TATION A	Listeria monocytogenes	IS 14988 Part 1: 2020 ISO 11290-1:2017	Present/Absent/25g or ml
73.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	B B	Clostridium perfringens (Enumeration method)	IS 5887 Part 4:1999 ISO 7937:2004	≥10 cfu/g or ≥1cfu/ml Present/Absent/g
74.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT		Yeast and Mould	AOAC 2014.05 Ch.17, 21st Edition 2019	≥10 cfu/g/ml
75.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Egg and Egg Products- Fresh eggs, Egg products (Liquid, Frozen,	Total plate count/Aerobic Plate Count/Aerobic Microbial Count / Total Bacterial Count	IS 5402:2012 ISO 4833-1:2013	≥10 cfu/g or ≥1cfu/ml
76.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Dried/Heat Coagulated), Preserved eggs, (Including alkaline,	Salmonella	IS 5887 Part 3:1999 ISO 6579-1:2017	Present/Absent/25g or ml
77.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	salted, and canned eggs), Egg-based desserts, Pasteurized Liquid	Listeria monocytogenes	IS 14988 Part 1: 2020 ISO 11290-1:2017	Present/Absent/25g or ml
78.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Egg Products, Cooked or Ready to eat products	Enterobacteriaceae	ISO 21528-2 2017	≥10 cfu/g or ≥1cfu/ml
79.	BIOLOGICAL/ FOOD AND AGRICULTURAL	Sweetners- Gur or Jaggery (Cane, Palm, Date),	Total plate count/Aerobic Plate Count/Aerobic Microbial Count / Total	IS 5402:2012 ISO 4833-1:2013	≥10 cfu/g or ≥1cfu/ml







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 13 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCT	Sodium Saccharide, Calcium Saccharide	Bacterial Count		
80.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Sweetners- Gur or Jaggery (Cane, Palm, Date), Sodium Saccharide, Calcium Saccharide	Coliform count	IS 5401 Part 1:2002 ISO 4832: 2006	≥10 cfu/g or ≥1cfu/ml
81.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Sweetners- Gur or Jaggery (Cane, Palm, Date), Sodium Saccharide, Calcium Saccharide	Escherichia coli (Enumeration method)	IS 5887 Part 1:1976 ISO 16649-2:2001	≥10 cfu/g or ≥1cfu/ml Present/Absent/g
82.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Sweetners- Gur or Jaggery (Cane, Palm, Date), Sodium Saccharide, Calcium Saccharide	Staphylococcus aureus (Enumeration method)	IS 5887 Part 2:1976 IS 5887 (Part 8/Sec. 1):2002 ISO 6888-1: 2021	≥10 cfu/g or ≥1cfu/ml Present/Absent/g
83.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Sweetners- Gur or Jaggery (Cane, Palm, Date), Sodium Saccharide, Calcium Saccharide	Salmonella	IS 5887 Part 3:1999 ISO 6579-1:2017	Present/Absent/25 g or ml
84.	BIOLOGICAL/ FOOD AND	Sweetners- Gur or Jaggery (Cane,	Listeria monocytogenes (Isolation	IS 14988 Part 1: 2020 ISO 11290-1:2017	Present/Absent/ 25g or ml







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 14 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCT	Palm, Date), Sodium Saccharide, Calcium Saccharide	method)		
85.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Sweetners- Gur or Jaggery (Cane, Palm, Date), Sodium Saccharide, Calcium Saccharide	Yeast and Mould	IS 5403:1999	≥10 cfu/g or ≥1cfu/ml
86.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Sweetners- Gur or Jaggery (Cane, Palm, Date), Sodium Saccharide, Calcium Saccharide	Enterobacteriaceae	ISO 21528-2 2017	≥10 cfu/g or ≥1cfu/ml
87.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Sweetners- Gur or Jaggery (Cane, Palm, Date), Sodium Saccharide, Calcium Saccharide	Bacillus cereus	IS 5887 Part 6:2012 ISO 7932: 2004	≥10 cfu/g or ≥1cfu/ml
88.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Sweetners- Gur or Jaggery (Cane, Palm, Date), Sodium Saccharide, Calcium Saccharide	Vibrio cholerae	IS 5887 Part 5:1976 ISO 21872-1:2017	Present/Absent/ 25g or ml
89.	BIOLOGICAL/	Sweetners- Gur or	Yeast and Mould	AOAC 2014.05 Ch.17,	≥10 cfu/g/ml







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 15 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCT	Jaggery (Cane, Palm, Date), Sodium Saccharide, Calcium Saccharide		21st Edition 2019	
90.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Salt, Spices, Soups, Sauces, Salads and Protein Products:-		J NON THE	
91.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Salt and salt substitutes, Herbs, Spices, Seasonings, and	Total plate count/Aerobic Microbial Count / Total Bacterial Count	IS 5402:2012 ISO 4833-1:2013	≥10 cfu/g or ≥1cfu/ml
92.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Condiments, Vinegars, Mustards, Soups and broths (Ready	Coliform count	IS 5401 Part 1:2002 ISO 4832: 2006	≥10 cfu/g or ≥1cfu/ml
93.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	to eat, Mixes), Sauces, Salads and Sandwich spreads, Yeast &	Escherichia coli (Enumeration method)	IS 5887 Part 1:1976 ISO 16649-2:2001	≥10 cfu/g or ≥1cfu/ml Present/Absent/g
94.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Products, Soybean- based seasonings and condiments, Protein products	Staphylococcus aureus (Enumeration method)	IS 5887 Part 2:1976 IS 5887 (Part 8/Sec. 1):2002 ISO 6888-1: 2021	≥10 cfu/g or ≥1cfu/ml Present/Absent/g
95.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	other than from soyabeans	Salmonella	IS 5887 Part 3:1999 ISO 6579-1:2017	Present/Absent/25 g or ml
96.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT		Shigella	IS 5887 Part 7:1999	Present/Absent/25g or ml







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 16 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		1 05/1		0 \ '\X\ \	
97.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Salt and salt substitutes, Herbs, Spices, Seasonings, and	Rope Spore Count	IS 7463:2004 Annex. C	≥1spore/g or ml
98.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Condiments, Vinegars, Mustards, Soups and broths (Ready	Yeast and Mould	IS 5403:1999	≥10 cfu/g or ≥1cfu/ml
99.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	to eat, Mixes), Sauces, Salads and Sandwich spreads, Yeast &	Enterobacteriaceae	ISO 21528-2 2017	≥10 cfu/g or ≥1cfu/ml
100.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Products, Soybean- based seasonings and condiments, Protein products	Bacillus cereus	IS 5887 Part 6:2012 ISO 7932: 2004	≥10 cfu/g or ≥1cfu/ml
101.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	other than from soyabeans	Sulphite Reducing Clostridia	ISO 15213: 2003	≥10 cfu/g or ≥1cfu/ml
102.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT		Yeast and Mould	AOAC 2014.05 Ch.17, 21st Edition 2019	≥10 cfu/g/ml
103.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Foodsutffs intended for Particular Nutritional uses-			
104.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Infant formulae, Follow-up formulae, and formula for special medical	Total plate count/Aerobic Microbial Count / Total Bacterial Count	IS 5402:2012 ISO 4833-1:2013	≥10 cfu/g or ≥1cfu/ml
105.	BIOLOGICAL/	purpose for infant's,	Coliform count	IS 5401 Part 1:2002	≥10 cfu/g or ≥1cfu/ml







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 17 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCT	Complementary foods for infants and young children,		ISO 4832: 2006	Present/Absent/0.1g
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Dietetic foods intended for special medical purposes, Dietetic formulae	Escherichia coli (Enumeration method)	IS 5887 Part 1:1976 ISO 16649-2:2001	≥10 cfu/g or ≥1cfu/ml Present/Absent/0.1g Present/Absent/g
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	for slimming purposes and weight reduction, Dietetic foods,	Staphylococcus aureus (Enumeration method)	IS 5887 Part 2:1976 IS 5887 (Part 8/Sec. 1):2002 ISO 6888-1: 2021	≥10 cfu/g or ≥1cfu/ml Present/Absent/0.1g Present/Absent/g
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Food supplements	Salmonella	IS 5887 Part 3:1999 ISO 6579-1:2017	Present/Absent/25 g or ml
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT		Shigella	IS 5887 Part 7:1999	Present/Absent/25g or ml
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT		Yeast and Mould	IS 5403:1999	≥10 cfu/g or ≥1cfu/ml Present/Absent/0.1g
111.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT		Yeast and Mould	AOAC 2014.05 Ch.17, 21st Edition 2019	≥10 cfu/g/ml
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Beverages			
113.	BIOLOGICAL/ FOOD AND AGRICULTURAL	Non-alcoholic ("soft") beverages, Waters, Natural	Total plate count/Aerobic Microbial Count / Total Bacterial Count	IS 5402:2012	≥10 cfu/g or ≥1cfu/ml







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 18 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCT	mineral waters and	# /		
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	source waters, Table waters and soda waters, Fruit and vegetable		ISO 4833-1:2013	
115.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	juices (including concentrates), Fruit and vegetable nectars (including	Coliform count (MPN method)	IS 5401 Part 2: 2012	< 0.3 to >110MPN/ml &< 3 to >1100MPN/g
-	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	concentrates), Carbonated water- based flavored drinks, non-	Yeast and Mould	IS 5403:1999	≥10 cfu/g or ≥1cfu/ml
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	carbonated water- based flavored drinks including punches and ades,	Staphylococcus aureus (Enumeration method)	IS 5887 Part 2:1976 IS 5887 (Part 8/Sec. 1):2002 ISO 6888-1: 2021	≥10 cfu/g or ≥1cfu/ml Present/Absent/g
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Concentrates for Flavored drinks, coffee, tea, herbal infusions, and other	Staphylococcus aureus (Isolation method)	IS 5887 Part 2:1976	Present/Absent/25g or ml
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	hot cereal and grain beverages excluding cocoa, Alcoholic	Escherichia coli (Isolation method)	IS 5887 Part 1:1976	Present/Absent/ 25g or ml
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	beverages including Beer	Sulphite Reducing Clostridia	ISO 15213: 2003	≥10 cfu/gm or ≥1cfu/ml
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT		Salmonella	IS 5887 Part 3:1999 ISO 6579-1:2017	Present/Absent/25g or ml







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 19 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
122.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	105/3 15/3	Vibrio cholerae	IS 5887 Part 5:1976 ISO 21872-1:2017	Present/Absent/25g or ml
123.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	EDITATI	Listeria monocytogenes	IS 14988 Part 1: 2020 ISO 11290-1:2017	Present/Absent/25g or ml
124.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	D (5)	Enterobacteriaceae	ISO 21528-2 2017	≥10 cfu/g or ≥1cfu/ml
125.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT		Yeast and Mould	AOAC 2014.05 Ch.17, 21st Edition 2019	≥10 cfu/g/ml
126.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Ready to Eat Savouries-	• भारत •	3/	
127.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Snacks (Potato, Cereal, Flour or Starch Based, Fish Based) Processed Nuts	Total plate count/Aerobic Microbial Count / Total Bacterial Count	IS 5402:2012 ISO 4833-1:2013	≥10 cfu/g or ≥1cfu/ml
128.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Snacks (Potato, Cereal, Flour or Starch Based, Fish Based) Processed Nuts	Escherichia coli (Isolation method)	IS 5887 Part 1:1976	Present/Absent/25g or ml
129.	BIOLOGICAL/ FOOD AND AGRICULTURAL	Snacks (Potato, Cereal, Flour or Starch Based, Fish	Staphylococcus aureus (Enumeration method)	IS 5887 Part 2:1976 IS 5887 (Part 8/Sec. 1):2002	≥10 cfu/g or ≥1cfu/ml Present/Absent/g







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 20 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCT	Based) Processed Nuts	3.5	ISO 6888-1: 2021	
130.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Snacks (Potato, Cereal, Flour or Starch Based, Fish Based) Processed Nuts	Staphylococcus aureus (Isolation method)	IS 5887 Part 2:1976	Present/Absent/25g or ml
131.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Snacks (Potato, Cereal, Flour or Starch Based, Fish Based) Processed Nuts	Salmonella	IS 5887 Part 3:1999 ISO 6579-1:2017	Present/Absent/25 g or ml
132.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Snacks (Potato, Cereal, Flour or Starch Based, Fish Based) Processed Nuts	Listeria monocytogenes	IS 14988 Part 1: 2020 ISO 11290-1:2017	Present/Absent/25g or ml
133.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Snacks (Potato, Cereal, Flour or Starch Based, Fish Based) Processed Nuts	Yeast and Mould	IS 5403:1999	≥10 cfu/g or ≥1cfu/ml
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Snacks (Potato, Cereal, Flour or Starch Based, Fish Based) Processed Nuts	Enterobacteriaceae	ISO 21528-2 2017	≥10 cfu/g or ≥1cfu/ml
135.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Snacks (Potato, Cereal, Flour or Starch Based, Fish Based) Processed Nuts	Bacillus cereus	IS 5887 Part 6:2012 ISO 7932: 2004	≥10 cfu/g or ≥1cfu/ml
136.	BIOLOGICAL/ FOOD AND	Snacks (Potato, Cereal, Flour or	Vibrio cholerae	IS 5887 Part 5:1976 ISO 21872-1:2017	Present/Absent/25g or ml







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 21 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCT	Starch Based, Fish Based) Processed Nuts		(8/31/	
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Snacks (Potato, Cereal, Flour or Starch Based, Fish Based) Processed Nuts	Sulphite Reducing Clostridia	ISO 15213: 2003	≥10 cfu/gm or ≥1cfu/ml
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Snacks (Potato, Cereal, Flour or Starch Based, Fish Based) Processed Nuts	Yeast and Mould	AOAC 2014.05 Ch.17, 21st Edition 2019	≥10 cfu/g/ml
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Additives-	OTAN O INDIA O SE	57/2/2/	
140.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Guar gum, Gum Arabic, Tragacanth Gum, Gum Karaya, Gum ghatti, Carrageenan, Calcium Alginate, Alginic Acid	Escherichia coli (Enumeration method)	IS 5887 Part 1:1976 ISO 16649-2:2001	≥10 cfu/g or ≥1cfu/ml Present/Absent/g/ml
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Guar gum, Gum Arabic, Tragacanth Gum, Gum Karaya, Gum ghatti, Carrageenan, Calcium Alginate, Alginic Acid	Escherichia coli (Isolation method)	IS 5887 Part 1:1976	Present/Absent/25 g or ml Present/Absent/10g/m
	BIOLOGICAL/ FOOD AND AGRICULTURAL	Guar gum, Gum Arabic, Tragacanth Gum, Gum Karaya,	Staphylococcus aureus (Enumeration method)	IS 5887 Part 2:1976 IS 5887 (Part 8/Sec. 1):2002	≥10 cfu/g or ≥1cfu/ml Present/Absent/g







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 22 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCT	Gum ghatti, Carrageenan, Calcium Alginate, Alginic Acid		ISO 6888-1: 2021	
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Guar gum, Gum Arabic, Tragacanth Gum, Gum Karaya, Gum ghatti, Carrageenan, Calcium Alginate, Alginic Acid	Salmonella	IS 5887 Part 3:1999 ISO 6579-1:2017	Present/Absent/25 g or ml Present/Absent/g/ml Present/Absent/10g/m
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Guar gum, Gum Arabic, Tragacanth Gum, Gum Karaya, Gum ghatti, Carrageenan, Calcium Alginate, Alginic Acid	Listeria monocytogenes	IS 14988 Part 1: 2020 ISO 11290-1:2017	Present/Absent/25g or ml
	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCT	Guar gum, Gum Arabic, Tragacanth Gum, Gum Karaya, Gum ghatti, Carrageenan, Calcium Alginate, Alginic Acid	Vibrio cholerae	IS 5887 Part 5:1976 ISO 21872-1:2017	Present/Absent/25g or ml
	BIOLOGICAL/ WATER	Packaged Drinking Water, Carbonated Water	Total viable colony count@ 37°C for 24 hrs.	IS 5402:2012	≥1 cfu/ml
	BIOLOGICAL/ WATER	Packaged Drinking Water, Carbonated Water	Total viable colony count at 22°C for 72 hrs.	IS 5402:2012	≥1 cfu/ml
	BIOLOGICAL/ WATER	Packaged Drinking Water, Carbonated Water	Coliforms	IS 15185:2016	Present/Absent/250 ml







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 23 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
149.	BIOLOGICAL/ WATER	Packaged Drinking Water, Carbonated Water	Escherichia coli	IS 15185:2016	Present/Absent/250 ml
150.	BIOLOGICAL/ WATER	Packaged Drinking Water, Carbonated Water	Faecal streptococci	IS 15186:2002	Present/Absent/250 ml
151.	BIOLOGICAL/ WATER	Packaged Drinking Water, Carbonated Water	Staphylococcus aureus	IS 5887 Part 2:1976	Present/Absent/250 ml
152.	BIOLOGICAL/ WATER	Packaged Drinking Water, Carbonated Water	Shigella	IS 5887 Part 7:1999	Present/Absent/250 ml
153.	BIOLOGICAL/ WATER	Packaged Drinking Water, Carbonated Water	Salmonella	IS 15187:2016	Present/Absent/250 ml
154.	BIOLOGICAL/ WATER	Packaged Drinking Water, Carbonated Water	Pseudomonas aeruginosa	IS 13428: Annex D 2005	Present/Absent/250 ml
155.	BIOLOGICAL/ WATER	Packaged Drinking Water, Carbonated Water	Sulphite reducing anaerobes	IS 13428: Annex C 2005	Present/Absent/50 ml
156.	BIOLOGICAL/ WATER	Packaged Drinking Water, Carbonated Water	Vibrio cholerae	IS 5887 Part 5:1976	Present/Absent/250 ml
157.	BIOLOGICAL/ WATER	Packaged Drinking Water, Carbonated Water	Vibrio parahaemolyticus	IS 5887 Part 5:1976	Present/Absent/250 ml
158.	BIOLOGICAL/ WATER	Packaged Drinking Water, Carbonated Water	Yeast and Mould	IS 5403:1999	Present/Absent/250 ml
159.	BIOLOGICAL/ WATER	Packaged Natural Mineral Water	Coliforms	IS 15185:2016	Present/Absent/250 ml
160.	BIOLOGICAL/ WATER	Packaged Natural Mineral Water	Escherichia coli	IS 15185:2016	Present/Absent/250 ml







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 24 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
161.	BIOLOGICAL/ WATER	Packaged Natural Mineral Water	Faecal streptococci	IS 15186:2002	Present/Absent/250 ml
162.	BIOLOGICAL/ WATER	Packaged Natural Mineral Water	Staphylococcus aureus	IS 5887 Part 2:1976	Present/Absent/250 ml
163.	BIOLOGICAL/ WATER	Packaged Natural Mineral Water	Shigella	IS 5887 Part 7:1999	Present/Absent/250 ml
164.	BIOLOGICAL/ WATER	Packaged Natural Mineral Water	Salmonella	IS 15187:2016	Present/Absent/250 ml
165.	BIOLOGICAL/ WATER	Packaged Natural Mineral Water	Pseudomonas aeruginosa	IS 13428: Annex D 2005	Present/Absent/250 ml
166.	BIOLOGICAL/ WATER	Packaged Natural Mineral Water	Sulphite reducing anaerobes	IS 13428: Annex C 2005	Present/Absent/50 ml
167.	BIOLOGICAL/ WATER	Packaged Natural Mineral Water	Vibrio cholerae	IS 5887 Part 5:1976	Present/Absent/250 ml
168.	BIOLOGICAL/ WATER	Packaged Natural Mineral Water	Vibrio parahaemolyticus	IS 5887 Part 5:1976	Present/Absent/250 ml
169.	BIOLOGICAL/ WATER	Packaged Natural Mineral Water	Yeast and Mould	IS 5403:1999	Present/Absent/250 ml
170.	BIOLOGICAL/ WATER	Drinking Water	Coliforms	IS 15185:2016	Present/Absent/100 ml
171.	BIOLOGICAL/ WATER	Drinking Water	Escherichia coli	IS 15185:2016	Present/Absent/100 ml
172.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dairy products and analogues-			
173.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Butter	SNF	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	0.1 - 3.0
174.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Butter	Common salt	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	0.1 % - 5.0 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 25 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
175.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Butter, Khoa, Malai, Cream, Dairy whitner, Cheese, Paneer	Mllk Fat	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	1 % - 90%
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Khoa, Ice Cream, Kulfi, Milk ice, Milk lolly	Total Solids	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	15 % - 70%
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Butter, Paneer, Cheese	Moisture	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	10 % - 90 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dairy based deserts	Benzoates (as Benzoic acid)	FSSAI Manual - Food additives	1 - 1500 mg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dairy based drinks, condensed milk, cheese, Dairy based deserts	Sorbates	FSSAI Manual of Analysis of foods (Food Additives): 2016	1 - 3500 mg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dairy based drinks, Fermented milk, Cheese, Cheese spreads, Dairy based deserts, Fat based deserts	Allura red AC	FSSAI Manual of Analysis of foods (Food Additives): 2016	1 - 500 mg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dairy based drinks, Fermented milk, Cheese, Cheese spreads, Dairy based deserts, Fat based deserts	Brilliant blue FCF	FSSAI Manual of Analysis of foods (Food Additives): 2016	1 - 500 mg/kg
	CHEMICAL/ FOOD &	Dairy based drinks, Fermented milk,	FAst green FCF	FSSAI Manual of Analysis of foods (Food	1 - 500 mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 26 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	Cheese, Cheese spreads, Dairy based deserts, Fat based deserts		Additives): 2016	
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dairy based drinks, Fermented milk, Cheese, Cheese spreads, Dairy based deserts, Fat based deserts	Ponceau 4R	FSSAI Manual of Analysis of foods (Food Additives): 2016	1 - 500 mg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dairy based drinks, Fermented milk, Cheese, Cheese spreads, Dairy based deserts, Fat based deserts	Carmoisine	FSSAI Manual of Analysis of foods (Food Additives): 2016	1 - 500 mg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dairy based drinks, Fermented milk, Cheese, Cheese spreads, Dairy based deserts, Fat based deserts	Erythrosine	FSSAI Manual of Analysis of foods (Food Additives): 2016	1 - 500 mg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dairy based drinks, Fermented milk, Cheese, Cheese spreads, Dairy based deserts, Fat based deserts	Tartrazine	FSSAI Manual of Analysis of foods (Food Additives): 2016	1 - 500 mg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dairy based drinks, Fermented milk, Cheese, Cheese spreads, Dairy based deserts, Fat based deserts	Sunsetyellow	FSSAI Manual of Analysis of foods (Food Additives): 2016	1 - 500 mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 27 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
188.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dairy based drinks, Fermented milk, Cheese, Cheese spreads, Dairy based deserts, Fat based deserts	Indigocarmine	FSSAI Manual of Analysis of foods (Food Additives): 2016	1 - 500 mg/kg
189.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dairy Whitener	Acid insoluble ash	IS 14433:2007(RA 2018)	0.01 % to 1%
190.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dairy Whitener, Sweetened condensed milk	Added sugars (as sucrose)	IS 4079 : 1967 (RA 2021)	0.1 % - 30%
191.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Flavoured milk, Sweetened condensed milk, Yoghurt, Flavoured yoghurt	Mllk Fat	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	0.1 % - 20%
192.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Flavoured milk, Yoghurt, flavoured yoghurt, Sweetened condensed milk	SNF	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	5.0 - 30.0
193.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ghee	Mllk Fat	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	95 - 99.9%
194.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ghee	Moisture	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	0.1 % - 1.0 %
195.	CHEMICAL/ FOOD &	Ghee	FFA (as oleic acid)	FSSAI Manual of Analysis of foods (Milk	0.1 - 5.0







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 28 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	13/0	35	and Milk Products): 2016	
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ghee	Peroxide value	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	0.1 - 1.0
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ghee	Baudouin test	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	Qualitative
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ice cream, Kulfi	Weight in g/l	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	400 - 700 g/l
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ice cream, kulfi, Milk ice, Milk lolly	Mllk Fat	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	0.1 % - 20%
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Khoa & Butter (in the extracted fat) & Ghee	Reichert Meissl value	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	21.0 - 28.0
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Khoa & Butter (in the extracted fat) & Ghee	Butyro Refractometer reading	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	35 - 50
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Khoa (in the extracted fat), Ghee	Polenske value	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	0.5 - 3.0
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Khoa, Malai, Cream, Dairy Whitener, Fermented Milk,	Titratable acidity (as % lactic acid)	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	0.1 % - 2 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 29 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Flavoured fermented milks, Drink based on fermented milk, curd, Yoghurt, Flavoured yoghurt, Whey powder			
204.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Khoa, Milk Powder, Cream powder, Dairy Whitener, Whey Powder	Total ash	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	1 % - 20%
205.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk	Total urea content	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	10 mg/100 ml - 500 mg/100 ml
206.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk	Test for cellulose	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	Qualitative
207.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk	Test for ammonium compounds	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	Qualitative
208.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk	Test for boric acid and borates	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	Qualitative
209.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk	Test for salicylic acid	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	Qualitative
210.	CHEMICAL/ FOOD & AGRICULTURAL	Milk	Test for sulphates	FSSAI Manual of Analysis of foods (Milk and Milk Products):	Qualitative







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 30 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	/ 05-/		2016	
211.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk	Test for skimmed milk powder	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2017	Qualitative
212.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk	Test for added urea	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	Qualitative
213.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk	Test for Neutralizers	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	Qualitative
214.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk	Test for Detergents	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	Qualitative
215.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk	Test for Glucose	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	Qualitative
216.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk	Test for sodium chloride	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	Qualitative
217.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk	Test for hydrogen peroxide	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	Qualitative
218.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk	Test for Formaldehyde	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	Qualitative
219.	CHEMICAL/	Milk	Test for Nitrate Nitrogen	FSSAI Manual of	Qualitative







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 31 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD & AGRICULTURAL PRODUCTS	13/8		Analysis of foods (Milk and Milk Products): 2016	
220.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk (in SNF), Milk Powder (in SNF)	Total sodium content	AOAC 21st edn.2011.14 : 2019	100 mg/100g - 1000 mg/100g
221.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk Powder,	Titratable acidity (ml 0.1N NaOH for 10 g SNF)	IS 11766:1986 (RA 2018)	1 - 20 ml
222.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk powder, Cream powder, Dairy whitener, Whey Powder, Whey protein concentrate	Moisture	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	0.1 % - 10 %
223.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk Powder, Cream powder, Dairy whitener, Whey protein concentrate	Scorched particles	IS 13500:1990 (RA 2018)	DISC A to D
224.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk powder, Cream powder, Sweetened condensed milk, Dairy whitner	Milk protein in Milk SNF	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	30 % - 45 %
225.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk powder, Cream powder, Whey powder, Whey protein concentrate	Mllk Fat	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	0.1 % - 50%
226.	CHEMICAL/ FOOD &	Milk powder, Cream power	ВНТ	AOAC 21st edn. 983.15 - 2019	5 - 500 mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 32 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	1 3/8	35	%/3//	
227.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk powder, Cream power, Dairy based deserts	ВНА	AOAC 21st edn. 983.15 - 2019	5 - 500 mg/kg
228.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk Powder, Dairy whitener	Insolubility Index	IS 12759:2019	0.1 - 3.5 ml
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk, Butter milk, curd, Fermented milk, youghurt, condensed milk, creams, milk powder, cheese, cheese spreads, dairy based sweets	Phosphates (as P)	AOAC 21st edn. 2011.14 - 2019	25 - 10000 mg/kg
230.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk, Curd	Mllk Fat	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	0.1 % - 10%
231.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk, Dairy Whitener, Whey Protein, Fermented Milk, Flavoured fermented milk, Drink based on femented milk, Curd, Yoghurt, flavoured yoghurt, Ice cream, Kulfi, Milk ice, Milk lolly, Whey powder,	Milk Protein	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	2 % - 50 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 33 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Whey protein concentrate	3.5	° / 3/ /	
232.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk, Khoa	Test for added sugar	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	Qualitative
233.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk, Khoa, Paneer	Test for added starch	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	Qualitative
234.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk,Curd	SNF	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	4.0 - 10.0
235.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Skimmed Milk powder	Milk protein in Milk SNF	IS 7219:1973 (RA 2020)	30 % - 45 %
236.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Skimmed Milk powder	Moisture	IS 11623:2008 (RA 2018)	0.1 % - 10 %
237.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	sweetened condensed milk	Total Solids	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	15 % - 70%
238.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	sweetened condensed milk	Milk solids	IS 1166 : 1986 (RA 2018)	20 % - 35%
239.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Whey powder	Lactose content	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	1% - 20%







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 34 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
240.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Whey powder	pH (in 10% solution)	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	8-Apr
241.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant foods-		Y77 RATION	
242.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant formula, follow-up formula - complementary food	Linoleate	AOAC 21st Edn: 996.01: 2019	1 g/100g to 10 g/100g
243.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant formula, Milk- cereal based complementary food, follow-up formula - complementary food	Total fat	IS 11721: 2013 (RA 2018)	1 % to 30 %
244.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk-cereal based complementary food, Processed cereal based complementary food,	Total carbohydrate	AOAC 21st Edn: 986.25: 2019	40 % to 70 %
245.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk-cereal based complementary food, Processed cereal based complementary food,	Crude fibre (on dry basis)	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	0.1 % to 5 %
246.	CHEMICAL/ FOOD & AGRICULTURAL	Infant milk food, Infant formula,	Milk fat	FSSAI Manual of Analysis of foods (Milk and Milk Products):	1 % to 30 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 35 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	/ 05 /		2016	
247.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, follow-up formula - complementary food	Pyridoxine	EN 14164 :: 2014	0.1 mg/100g to 5 mg/100g
248.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, follow-up formula - complementary food	Pantothenic acid	CML/INS/SOP/59 (Issue No. 1 &Issue Date 3.1.: 2017	0.5 mg/100g to 10 mg/100g
249.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, follow-up formula - complementary food	Vitamin B12	AOAC 21st Edn 2019 2011.09	0.1 μg/100g to 10 μg/100g
250.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, follow-up formula - complementary food	Choline	CML/INS/SOP/31 (Issue No. 1 &Issue Date 2.2.: 2014	25 mg/100g to 100 mg/100g
251.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, follow-up formula - complementary food	Vitamin K	AOAC 21st Edn 999.15: 2019	0.5 μg/100g to 50 μg/100g
252.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, follow-up formula - complementary food	Biotin	AOAC 21st Edn 2016.02: 2019	2 μg/100g to 50 μg/100g
253.	CHEMICAL/ FOOD & AGRICULTURAL	Infant milk food, Infant formula, follow-up formula -	Vitamin E	CML/INS/SOP/71 (Issue No.1&Issue Date 5.1.: 2017	0.1 mg/100g to 50 mg/100g







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 36 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	complementary food	35	(C) (S) \	
254.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, follow-up formula - complementary food	Sodium	AOAC 21st Edn- 2011.14: 2019	1 mg/100g to 500 mg/100g
255.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, follow-up formula - complementary food	Potassium	AOAC 21st Edn- 2011.14: 2019	1 mg/100g to 1000 mg/100g
256.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, follow-up formula - complementary food	Chloride	AOAC 21st Edn:: 986.26.: 2019	5 mg/100g to 1000 mg/100g
257.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, follow-up formula - complementary food	Calcium	AOAC 21st Edn- 2011.14: 2019	5 mg/100g to 1000 mg/100g
258.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, follow-up formula - complementary food	Phosphorous	AOAC 21st Edn- 2011.14: 2019	1 mg/100g to 1000 mg/100g
259.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, follow-up formula - complementary food	Magnesium	AOAC 21st Edn- 2011.14: 2019	5 mg/100g to 100 mg/100g
260.	CHEMICAL/ FOOD &	Infant milk food, Infant formula,	lodine	IS17379 : 2020	10 μg/100g to 100 μg/100g







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 37 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	follow-up formula - complementary food		° [3]	
261.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, follow-up formula - complementary food	Copper	AOAC 21st Ed:2011.14: 2019	100 µg/100g to 500 µg/100g
262.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, follow-up formula - complementary food	Manganese	AOAC 21st Ed:2011.14: 2019	10 μg/100g to 100 μg/100g
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, follow-up formula - complementary food	Selenium	AOAC 21st Ed: 2011.19: 2019	1 μg/100g to 50 μg/100g
264.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, Milk- cereal based complementary food, Processed cereal based complementary food, follow-up formula - complementary food	Moisture	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	0.1 to 10
265.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, Milk- cereal based complementary food, Processed	Total milk protein	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	5 % to 30 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 38 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		cereal based complementary food, follow-up formula - complementary food			
266.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, Milk- cereal based complementary food, Processed cereal based complementary food, follow-up formula - complementary food	Total ash	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	0.1 % to 10 %
267.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, Milk- cereal based complementary food, Processed cereal based complementary food, follow-up formula - complementary food	Ash insoluble in dil.HCl	FSSAI Manual of Analysis of foods (Milk and Milk Products): 2016	0.01 % to 1%
268.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, Milk- cereal based complementary food, Processed cereal based complementary	Vitamin A (as retinol)	AOAC 21st Edn - 2001.13: 2019	10 μg/100g to 1000 μg/100g







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 39 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		food, follow-up formula - complementary food			
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, Milk- cereal based complementary food, Processed cereal based complementary food, follow-up formula - complementary food	Added Vitamin D (as Cholecalciferol or ergocalciferol)	AOAC 21st Edn 2016.05: 2019	1 μg/100g to 200 μg/100g
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, Milk- cereal based complementary food, Processed cereal based complementary food, follow-up formula - complementary food	Vitamin C	AOAC 21st Edn 967.21: 2019	2 mg/100g to 100 mg/100g
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, Milk- cereal based complementary food, Processed cereal based complementary food, follow-up formula -	Thiamine	EN 14122 : : 2014	0.1 mg/100g to 5 mg/100g







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 40 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		complementary food	34.	%/3/\	
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, Milk- cereal based complementary food, Processed cereal based complementary food, follow-up formula - complementary food	Riboflavin	EN 14152 :: 2014	0.1 mg/100g to 5 mg/100g
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, Milk- cereal based complementary food, Processed cereal based complementary food, follow-up formula - complementary food	Niacin	EN 15652 : : 2009	0.5 mg/100g to 5 mg/100g
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, Milk- cereal based complementary food, Processed cereal based complementary food, follow-up formula - complementary food	Folic acid	CML/INS/SOP/61 (Issue No.1&Issue Date 3.1.: 2017	2 μg/100g to 100 μg/100g







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 41 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
275.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, Milk- cereal based complementary food, Processed cereal based complementary food, follow-up formula - complementary food	Iron	AOAC 21st Edn- 2011.14: 2019	1 mg/100g to 50 mg/100g
276.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, Milk- cereal based complementary food, Processed cereal based complementary food, follow-up formula - complementary food	Zinc	AOAC 21st Ed:2011.14: 2019	1 mg/100g to 50 mg/100g
277.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula, Milk- cereal based complementary food, Processed cereal based complementary food, follow-up formula - complementary food	Test for added coloring matter	FSSAI Manual of Analysis of foods (Food Additives): 2016	Qualitative
278.	CHEMICAL/ FOOD &	Infant milk food, Infant formula,,	InSolubility Index	IS 12759: 2019	0.5 ml/100g to 5 ml/100g







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 42 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	follow-up formula - complementary food		° [3]	
279.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant milk food, Infant formula,, follow-up formula - complementary food	Solubility percent	IS 12759 : 2019	90 % to 99 %
280.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fats, oils and fat emulsions		174	
281.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cocoa butter	Refractive Index @ 40°C	FSSAI manual of methods of analysis of foods – Oils& Fats: 2021	1.4 to 1.47
282.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cocoa butter	Saponification value	FSSAI manual of methods of analysis of foods – Oils& Fats: 2021	170 to 220
283.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cocoa butter	Unsaponfiable matter	FSSAI manual of methods of analysis of foods – Oils& Fats : 2021	0.1 % to 2.0 %
284.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cocoa butter	Butyro-refractometer reading @ 40°C	FSSAI manual of methods of analysis of foods – Oils& Fats: 2021	35 to 60
285.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cocoa butter	lodine value	FSSAI manual of methods of analysis of foods – Oils& Fats: 2021	25 to 50
286.	CHEMICAL/ FOOD &	Coconut oil, Virgin & Extra virgin	Polenske value	FSSAI manual of methods of analysis of	10 to 20







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 43 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	coconut oils	35.	foods – Oils & Fats: 2021	
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible vegetable oil (Crude, raw & refined, fortified, blended, Multi	Flash point (PMCC)	FSSAI manual of methods of analysis of foods – Oils& Fats: 2021	100 °C to 350 °C
288.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	sourced, fresh, used, cooked) Coconut oil, (Virgin & Extra virgin),	Bellier test (Turbidity temperature – acetic acid method)	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	10 °C to 70 °C
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Ground nut oil, Linseed oil, Mahua oil, Rape-seed oil,	Refractive Index @ 40°C / 20°C / 25°C / 50°C	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	1.33 to 1.570
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	mustard oil, Avacado, olive oil (ordinary virgin, virgin & extra	Saponification value	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	50 to 300
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	virgin), olive pomace oil, Poppy seed oil, safflower seed oil, Taramira	Specific gravity @ 30°C/30°C	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	0.9 to 1.1
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	seed oil, Sesame oil, Niger seed oil, Soyabean oil, Corn oil, almond oil,	Acid value	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	0.1 to 20
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	water-melon seed oil, Palm oil, Palm stearin, Palmolein, Palm kernel oil, Plam kernel stearin, Palm kernel olein, Palm superolein, Sunflower seed oil, Rice bran oil, Chia	Butyro-refractometer reading @ 40°C / 50°C	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	10 to 90







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 44 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		oil, Grape seed oil		0 / / / /	
294.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible vegetable oil (Crude, raw & refined, fortified, blended, Multi	C 10:0 Capric	AOAC 21st Ed – 996.01: 2019	0.05 % to 12 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	sourced, fresh, used, cooked) Coconut oil, (Virgin & Extra virgin),	C 12:0 Lauric	AOAC 21st Ed – 996.01: 2019	0.05 - 65%.
296.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Ground nut oil, Linseed oil, Mahua oil, Rape-seed oil,	C 14:0 Myristic	AOAC 21st Ed – 996.01: 2019	0.05 - 30%.
297.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	mustard oil, Avacado, olive oil (ordinary virgin, virgin & extra	C 16:0 Palmitic	AOAC 21st Ed – 996.01: 2019	0.05 - 80%.
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	virgin), olive pomace oil, Poppy seed oil, safflower seed oil, Taramira	C 16:1 Palmitoleic	AOAC 21st Ed – 996.01: 2019	0.05- 20%.
299.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	seed oil, Sesame oil, Niger seed oil, Soyabean oil, Corn oil, almond oil,	C 17:0 Margaric	AOAC 21st Ed – 996.01: 2019	0.05-1.0%.
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	water-melon seed oil, Palm oil, Palm stearin, Palmolein, Palm kernel oil,	C 17:1 Margaroleic	AOAC 21st Ed – 996.01: 2019	0.05- 1.0%.
301.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Plam kernel stearin, Palm kernel olein, Palm superolein, Sunflower seed oil,	C 18:0 Stearic	AOAC 21st Ed – 996.01: 2019	0.05-10%.
302.	CHEMICAL/	Rice bran oil, Chia	C 18:1 cis - Oleic	AOAC 21st Ed - 996.01:	0.05-95%.







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 45 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD & AGRICULTURAL PRODUCTS	oil, Grape seed oil. Edible fats (Cocoa butter, Peanut		2019	
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	butter), Hydrogenated Vegetable oils (Vanaspati, Bakery	C 18:2 Linoleic	AOAC 21st Ed – 996.01: 2019	0.05 - 90%
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	shrotening)	C 18:3 Linolenic	AOAC 21st Ed – 996.01: 2019	0.05-70%.
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	\ E.\ 3	C 20:0 Arachitic	AOAC 21st Ed – 996.01: 2019	0.05 to 10%
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		C 20:1 Eicosenic	AOAC 21st Ed – 996.01: 2019	0.05 to 20%
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		C 20:2 Eicosadienoic	AOAC 21st Ed – 996.01: 2019	0.05-5.0%.
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		C 22:0 Behenic	AOAC 21st Ed – 996.01: 2019	0.05 - 5%.
309.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		C 22:1 Erucic	AOAC 21st Ed – 996.01: 2019	0.05-65%.
310.	CHEMICAL/ FOOD & AGRICULTURAL		C 22:2 Docosadienoic	AOAC 21st Ed – 996.01: 2019	0.05- 5%.







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 46 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	1 05/		0 / 1/2/	
311.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible vegetable oil (Crude, raw & refined, fortified, blended, Multi	C 24:0 Lignoceric	AOAC 21st Ed – 996.01: 2019	0.05-5%.
312.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	sourced, fresh, used, cooked) Coconut oil, (Virgin & Extra virgin),	C 24:1 Nervonic	AOAC 21st Ed – 996.01: 2019	0.05-5%.
313.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Ground nut oil, Linseed oil, Mahua oil, Rape-seed oil,	C 4:0 Butyric	AOAC 21st Ed – 996.01: 2019	0.05- 2.0%.
314.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	mustard oil, Avacado, olive oil (ordinary virgin, virgin & extra	C 6:0 Caproic	AOAC 21st Ed – 996.01: 2019	0.05 -3.0%.
315.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	virgin), olive pomace oil, Poppy seed oil, safflower seed oil, Taramira	C 8:0 Caprylic	AOAC 21st Ed – 996.01: 2019	0.05-12%.
316.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	seed oil, Sesame oil, Niger seed oil, Soyabean oil, Corn oil, almond oil,	Cloud point	FSSAI manual of methods of analysis of foods – Oils& Fats: 2021	8 °C to 25 °C
317.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	water-melon seed oil, Palm oil, Palm stearin, Palmolein, Palm kernel oil,	Color on Lovibond scale in 1", 1/4" & 51/4" cell expressed as Y+5R, Y+10R	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	1 to 150
318.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Plam kernel stearin, Palm kernel olein, Palm superolein, Sunflower seed oil, Rice bran oil, Chia oil, Grape seed oil.	Free fatty acid (expressed as oleic acid)	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	0.1 % to 15 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 47 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Edible fats (Cocoa butter, Peanut butter), Hydrogenated Vegetable oils (Vanaspati, Bakery shrotening)			
319.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible vegetable oil (Crude, raw & refined, fortified, blended, Multi	Insoluble impurities	IS 548 (Part 1/Sec 2): 2021	0.01 % to 2 %
320.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	sourced, fresh, used, cooked) Coconut oil, (Virgin & Extra virgin),	lodine value	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	2 to 185
321.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Ground nut oil, Linseed oil, Mahua oil, Rape-seed oil,	Moisture	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	0.01 % to 1.0 %
322.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	mustard oil, Avacado, olive oil (ordinary virgin, virgin & extra	Moisture & Volatile matter	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	0.01 % to 1.0 %
323.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	virgin), olive pomace oil, Poppy seed oil, safflower seed oil, Taramira	Peroxide value	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	1 to 35 meq/kg
324.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	seed oil, Sesame oil, Niger seed oil, Soyabean oil, Corn oil, almond oil,	Test for added coloring matter	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	Qualitative
325.	CHEMICAL/ FOOD & AGRICULTURAL	water-melon seed oil, Palm oil, Palm stearin, Palmolein,	Test for Argemone oil	FSSAI manual of methods of analysis of foods – Oils & Fats :	Qualitative







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 48 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	Palm kernel oil,		2021	
326.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Plam kernel stearin, Palm kernel olein, Palm superolein, Sunflower seed oil,	Test for castor oil	FSSAI manual of methods of analysis of foods – Oils & Fats : 2021	Qualitative
327.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Rice bran oil, Chia oil, Grape seed oil	Test for cotton seed oil	FSSAI manual of methods of analysis of foods – Oils & Fats : 2021	Qualitative
328.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	P (5)	Test for hydrocyanic acid	FSSAI manual of methods of analysis of foods – Oils & Fats : 2021	Qualitative
329.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Test for Mineral oil	FSSAI manual of methods of analysis of foods – Oils & Fats : 2021	Qualitative
330.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Polybromide test	FSSAI manual of methods of analysis of foods – Oils & Fats : 2021	Qualitative
331.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Test for rancidity	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	Qualitative
332.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Clarity test	Food safety and standards (Food products standards and Food additives) Regulatios, 2011	Qualitative
333.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Total polar compounds	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	1 % to 50 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 49 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	-	/ 05/			
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	p 3	Unsaponifiable matter	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	0.1 % to 5.0 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	EDITA!	Vitamin A (Retinol or Retinyl acetate or Retinyl palmitate)	AOAC 21st Edn- 2001.13: 2019	0.1 μg/g to 100 μg/g
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	P (5)	Vitamin D (Cholecalciferol or Ergocalciferol)	CML/INS/SOP/58 (Issue No. 1 & Issue Date 03.01.: 2017	0.05 μg/g to 1 μg/g
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible vegetable oil (Crude, raw & refined, fortified, blended, Multi	Cholesterol	AOAC 21st Edn- 994.10: 2019	10 mg/100g to 800 mg/100g
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	sourced, fresh, used, cooked) Coconut oil, (Virgin & Extra virgin),	Mono Unsaturated Fatty acids	AOAC 21st Edn- 996.01: 2019	1.0 % to 80 %
339.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Ground nut oil, Linseed oil, Mahua oil, Rape-seed oil,	Poly Unsaturated Fatty acids	AOAC 21st Edn- 996.01: 2019	1.0 to 80 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	mustard oil, Avacado, olive oil (ordinary virgin, virgin & extra	Saturated Fatty acids	AOAC 21st Edn- 996.01: 2019	1.0 % to 95 %
341.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	virgin), olive pomace oil, Poppy seed oil, safflower seed oil, Taramira	Total Fat	FSSAI manual of methods of analysis of foods – Oils& Fats: 2021	98 % to 99.9 %
342.	CHEMICAL/	seed oil, Sesame oil, Niger seed oil,	Trans Fatty acids	AOAC 21st Edn-	0.05 % to 10 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 50 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD & AGRICULTURAL PRODUCTS	Soyabean oil, Corn oil, almond oil, water-melon seed oil, Palm oil, Palm stearin, Palmolein, Palm kernel oil, Plam kernel stearin, Palm kernel olein, Palm superolein, Sunflower seed oil, Rice bran oil, Chia oil. Edible fats (Cocoa butter, Peanut butter), Hydrogenated Vegetable oils (Vanaspati, Bakery shrotening)	OLY PA O INDIA O SE	996.01: 2019	
343.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible vegetable oil (Crude, raw & refined, fortified, blended, Multi sourced, fresh, used, cooked) Coconut oil, (Virgin & Extra virgin), Cotton seed oil, Ground nut oil, Linseed oil, Mahua oil, Rape-seed oil, mustard oil, Avacado, olive oil (ordinary virgin, virgin & extra virgin), olive	Total polar compounds	Instruction Manual - TESTO 270 - Deep- frying Oil tester	1 % to 50 %









Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

ISO/IEC 17025: 2017 **Accreditation Standard**

Certificate No. 51 of 306 TC-5589 (Integrated) Page No.

16.06.2022 to 15.06.2024 Validity Last Amended on 04.09.2022

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		pomace oil, Poppy seed oil, safflower seed oil, Taramira seed oil, Sesame oil, Niger seed oil, Soyabean oil, Corn oil, almond oil, water-melon seed oil, Palm oil, Palm stearin, Palmolein, Palm kernel oil, Plam kernel olein, Palm superolein, Sunflower seed oil, Rice bran oil, Chia oil, Grape seed oil	O/4 by o INDIA o S3	APPLIAN IVAILAN ON SOUTH OF SO	
344.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible vegetable oil (Crude, raw & refined, fortified, blended, Multi sourced, fresh, used, cooked) Coconut oil, (Virgin & Extra virgin), Palm oil, Palm stearin, Palmolein, Palm kernel oil, Plam kernel stearin, Palm kernel olein, Palm superolein	Free fatty acid (expressed as lauric acid)	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	0.1 % to 15 %
345.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible vegetable oil (Crude, raw & refined, fortified, blended, Multi	Test for sesame seed oil	FSSAI manual of methods of analysis of foods – Oils & Fats : 2021	Qualitative







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 52 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
346.	CHEMICAL/	sourced, fresh, used, cooked) olive oil (ordinary virgin, virgin & extra virgin), olive pomace oil, Edible fats (Vanaspati & Bakery shortenings) Edible vegetable oil	Beta-carotenes	FSSAI manual of	5 mg/kg to 3000
	FOOD & AGRICULTURAL PRODUCTS	(Crude, raw & refined, fortified, blended, Multi sourced, fresh, used, cooked) Palm oil, Palm stearin, Palmolein, Palm kernel oil, Plam kernel olein, Palm superolein	O INDIA O SA	methods of analysis of foods – Oils& Fats: 2021	mg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible vegetable oil (Crude, raw & refined, fortified, blended, Multi sourced, fresh, used, cooked) Palm oil, Palm stearin, Palm kernel oil, Plam kernel stearin, Palm kernel olein, Palm superolein	Free fatty acid (expressed as Palmitic acid)	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	0.1% to 15 %
	CHEMICAL/ FOOD &	Edible vegetable oil (Crude, raw &	Melting point	FSSAI manual of methods of analysis of	15 to 65°C







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 53 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	refined, fortified, blended, Multi sourced, fresh, used, cooked) Palm oil, Palm stearin, Palmolein, Palm kernel oil, Plam kernel stearin, Palm kernel olein, Palm superolein & Cocoa butter		foods – Oils & Fats: 2021	
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Hydrogenated vegetable oil (Vanaspathi, Bakery shortening)	Refractive Index @ 60°C	FSSAI manual of methods of analysis of foods – Oils& Fats: 2021	1.4 to 1.5
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Hydrogenated vegetable oil (Vanaspathi, Bakery shortening)	Synthetic vitamin A (Antimony trichloride test)	FSSAI manual of methods of analysis of foods – Oils & Fats: : 2021	Qualitative
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Hydrogenated vegetable oil (Vanaspathi, Bakery shortening)	Moisture	FSSAI manual of methods of analysis of foods – Oils& Fats: 2021	0.01 % to 1.0 %
352.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Hydrogenated vegetable oil (Vanaspathi, Bakery shortening)	Color produced by the Baudouin test (1 cm cell on a Lovibond scale)	FSSAI manual of methods of analysis of foods – Oils& Fats: 2021	0.1 - 10 red units
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Hydrogenated vegetable oil (Vanaspathi, Bakery shortening)	Moisture	FSSAI manual of methods of analysis of foods – Oils& Fats: 2021	0.01 % to 1.0 %
354.	CHEMICAL/ FOOD & AGRICULTURAL	Hydrogenated vegetable oil (Vanaspathi,	Synthetic vitamin A	AOAC 21st edn. 2019 - 2001.13	10 IU/g to 500 IU/g







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 54 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	Bakery shortening)		3 / 22 /	
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Multi-sourced edible vegetable oil	Test for Tricresyl ortho Phosphate (TCOP)	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	Qualitative
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Multi-sourced edible vegetable oil	Test for presence of animal body fat	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	Qualitative
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	olive oil (ordinary virgin, virgin & extra/ordinary virgin, refined), olive pomace oil & Refined olive pomace oil	Iron as Fe	AOAC 21st Edn – 2011.14: 2019	0.1 mg/kg to 100 mg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	olive oil (ordinary virgin, virgin & extra/ordinary virgin, refined), olive pomace oil & Refined olive pomace oil	Test for olive pomace oil	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	Qualitative
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	olive oil (ordinary virgin, virgin & extra/ordinary virgin, refined), olive pomace oil & Refined olive pomace oil	Test for semi-siccative oil	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	Qualitative
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	olive oil (ordinary virgin, virgin & extra/ordinary virgin, refined),	Test for tea seed oil	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	Qualitative







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 55 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		olive pomace oil & Refined olive pomace oil		(E) (3)	
361.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Peanut butter	Moisture	FSSAI manual of methods of analysis of foods – Oils& Fats: 2021	0.1% to 5.0 %
362.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Peanut butter	Acid value of extracted fat	IS 4684: 1975 (RA- 2020)	0.2 to 8
363.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Peanut butter	Protein	IS 4684: 1975 (RA - 2020)	15 % to 40 %
364.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Peanut butter	Salt (as NaCl)	IS 3507: 1966 (RA- 2018)	0.1 % to 5 %
365.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Peanut butter	Total ash	IS 4684 : 1975 (RA - 2020)	0.1 % to 10 %
366.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Peanut butter	Fat	IS 9037: 1979 (RA 2020)	20 % to 80 %
367.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Rice bran oil, Multisourced edible vegetable oil & Vanaspati	Oryzanol content	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	0.1 % to 3 %
368.	CHEMICAL/ FOOD & AGRICULTURAL	Soyabean oil.	Phosphorous	FSSAI manual of methods of analysis of foods – Oils & Fats:	0.005 % to 0.1 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 56 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	/ 05 / 1	The second second	2021	
369.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Vegetable oils, fats & bakery shortenings	Propyl gallate	AOAC 21st Ed: Chapter (47.2.02/983.15): 2019	5 mg/kg to 500 mg/kg
370.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Vegetable oils, fats & bakery shortenings	Tertiary Butyl Hydroxy Quinone (TBHQ)	AOAC 21st Ed: 2019 Chapter (47.2.02/983.15)	5 mg/kg to 500 mg/kg
371.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Vegetable oils, fats & bakery shortenings	Butylated Hydroxy Anisole (BHA)	AOAC 21st Edn Chapter (47.2.02/983.15): 2019	5 mg/kg to 500 mg/kg
372.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Vegetable oils, fats & bakery shortenings	Butylated Hydroxy Toluene (BHT)	AOAC 21st Ed: Chapter (47.2.02/983.15): 2019	5 mg/kg to 500 mg/kg
373.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fruits & Vegetable products-	• भारत •	3	
374.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fruit products (Juices, Nectars, Pulp, Puree,Concentrate,	Sodium	AOAC 21st edn. 2011.14 : 2019	1 mg/100g - 1000 mg/100g
375.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Squash, Crush, Syrups, Sharbat, Cordial, cocktail, sauce, pickles,	Potassium	AOAC 21st edn. 2011.14 : 2019	1 mg/100g - 1000 mg/100g
376.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	carbonated /non- carbonated everages, Drinks, Jams, Jelly,	Iron	AOAC 21st edn. 2011.14 : 2019	1 mg/100g - 100 mg/100g
377.	CHEMICAL/	Marmalads,	Calcium	AOAC 21st edn.	1 mg/100g - 100







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 57 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD & AGRICULTURAL PRODUCTS	Murabba, cheese, Chutney, topppings, fillings, candied, glazed, crystallized, fermended), Synthetic Syrups/Sharbat, Barley water		2011.14 : 2019	mg/100g
378.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Bean	Hydrocyanic acid	IS 11535 :1986 (RA 2020)	1 mg / kg to 50 mg / kg
379.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Brewed vinegar	Total ash content	FSSAI Manual – Fruits & Vegetable Products,: 2016	0.01 % to 2 %
380.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Brewed vinegar	Total Solids	FSSAI Manual – Fruits & Vegetable Products,: 2016	0.5 % to 8 %
381.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Brewed vinegar	Test for presence of mineral/sulphuric/acetic acid	FSSAI manual of methods of analysis of food – Fruits & Vegetable products: 2016	Qualitative
382.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Brewed vinegar & Synthetic vinegar	Acidity (as acetic acid)	FSSAI Manual – Fruits & Vegetable Products,: 2016	0.5 % to10%
383.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Candied, Crystallized & Glazed - fruits and fruit peel	% of reducing sugar to total sugar	FSSAI Manual – Fruits & Vegetable Products,: 2016	15 % to 65 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 58 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
384.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Candied, Crystallized & Glazed - fruits and fruit peel	Total sugar	FSSAI Manual – Fruits & Vegetable Products,: 2016	40 % to 95 %
385.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Culinary pastes, Vegetable sauces	Test for added coloring matter	FSSAI Manual–Food Additives: 2016	Qualitative
386.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dates	Extraneous matter	CODEX CXS-143-1985	0.1 % to 10 %
387.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dates	Blemished / Damaged units	CODEX CXS-143-1985	0.1 % to 10 %
388.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dates, Dry fruits, Raisins, Brewed & Synthetic vinegar	Test for added coloring matter	FSSAI Manual –Food Additives: 2016	Qualitative
389.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dehydrated vegetables	Sulphur di oxide	aoac 21 edn 990.28 : 2019	1ppm to 1000ppm
390.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dehydrated vegetables,	Total ash	FSSAI Manual – Fruits & Vegetable Products,: 2016	0.1 % to 10 %
391.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dehydrated vegetables,	Ash insoluble in dil.HCl	FSSAI Manual – Fruits & Vegetable Products: 2016	0.05 % to 2 %
392.	CHEMICAL/ FOOD &	Dehydrated/frozen vegetables	Peroxidase test	FSSAI Manual – Fruits & Vegetable Products:	Qualitative







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 59 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	13/	THE STATE OF THE S	2016	
393.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dried apricots	Broken fruits	CODEX CXS-130-1981	0.1 % to 20 %
394.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dried apricots	Damaged fruits	CODEX CXS-130-1981	0.1 % to 20 %
395.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dried apricots	Immature fruits	CODEX CXS-130-1981	0.1 % to 20 %
396.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dried apricots	Insect damaged & dirty fruits	CODEX CXS-130-1981	0.1 % to 10 %
397.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dried apricots	Mouldy fruit	CODEX CXS-130-1981	0.1 % to 5 %
398.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dried apricots	Slabs	CODEX CXS-130-1981	0.1 % to 20 %
399.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dry fruits	Damaged / Discolored units	FSSAI Manual – Fruits & Vegetable Products,: 2016	0.1 % to 5 %
400.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dry fruits	Extraneous vegetable matter	FSSAI Manual – Fruits & Vegetable Products,: 2016	0.1 % to 5 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 60 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
401.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fresh fruits	Coated Wax	CML/A&F/F&V/SOP/13: 2013	Qualitative
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fresh fruits	Texture	IS 8153 : 1986 (RA 2018)	Qualitative
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fresh fruits	Color and apperance	IS 8153 : 1986 (RA 2018)	Qualitative
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fresh fruits	Aroma and taste	IS 8153 : 1986 (RA 2018)	Qualitative
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fresh fruits, Processed fruits, Frozen fruits, Fruit products (dried fruits, Thermally processed fruits,	Sulphites (expressed as residual SO2)	FSSAI Manual –Food Additives : 2016	5 mg/kg to 2000 mg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fresh fruits, Thermally processed fruits, frozen fruits, dried	Acesulfame K	FSSAI Manual –Food Additives : 2016	5 mg/kg to 1200 mg/kg
407.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	fruits & Fruit products (Juices, Nectars, Pulp, Puree,Concentrate,	Aspartame	FSSAI Manual –Food Additives : 2016	5 mg/kg to 1200 mg/kg
408.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Squash, Crush, Syrups, Sharbat, Cordial, cocktail, sauce, pickles,	Benzoates (as Benzoic acid)	FSSAI Manual –Food Additives : 2016	1 mg/kg to 1500 mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 61 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
409.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	carbonated /non- carbonated everages, Drinks, Jams, Jelly,	Erythrosine	FSSAI Manual –Food Additives : 2016	1 mg/kg to 500 mg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Marmalads, Murabba, cheese, Chutney, topppings, fillings,	Fast green FCF	FSSAI Manual –Food Additives : 2016	1 mg/kg to 500 mg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	candied, glazed, crystallized, fermended), Synthetic	Indigocarmine	FSSAI Manual –Food Additives : 2016	1 mg/kg to 500 mg/kg
412.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Syrups/Sharbat, Barley water	Ponceau 4R	FSSAI Manual –Food Additives : 2016	1 mg/kg to 500 mg/kg
413.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Sorbates (as Sorbic acid)	FSSAI Manual –Food Additives: 2016	1 mg/kg to 3500 mg/kg
414.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Sunset yellow	FSSAI Manual –Food Additives : 2016	1 mg/kg to 500 mg/kg
415.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Tartrazine	FSSAI Manual –Food Additives : 2016	1 mg/kg to 500 mg/kg
416.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Allura red AC	FSSAI Manual –Food Additives: 2016	1 mg/kg to 500 mg/kg
417.	CHEMICAL/ FOOD &		Brilliant blue FCF	FSSAI Manual –Food Additives : 2016	1 mg/kg to 500 mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 62 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL	13/1	100	0/3/	
418.	PRODUCTS CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	E	Carmoisine	FSSAI Manual –Food Additives : 2016	1 mg/kg to 500 mg/kg
419.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	GA THE	Erythrosine	FSSAI Manual –Food Additives : 2016	1 mg/kg to 500 mg/kg
420.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fruit Chutney, Seedless tamarind, Dates paste	Total ash	FSSAI Manual – Fruits & Vegetable Products: 2016	0.05 % to 8 %
421.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fruit products (Flakes, Chutney), Dates & Dates paste, Tamarind (Pulp, Puree, concentrate), Seedless tamarind	Ash insoluble in dil.HCl	FSSAI Manual – Fruits & Vegetable Products : 2016	0.01 % to 2 %
422.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fruit products (Juices, Nectars, Pulp, Puree, Concentrate, Squash, Crush, Syrups, Sharbat, Cordial, cocktail, pickles, carbonated /non-carbonated fruit beverages, Drinks, Jams, Jelly, Marmalads, Murabba, cheese,	Acidity expressed as citric acid	FSSAI Manual – Fruits & Vegetable Products: 2016	0.05 % to 5 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 63 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Chutney, topppings), Synthetic Syrups/Sharbat, Barley water			
423.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fruit products (Juices, Pulp, Puree, Concentrate, Chutney), Packing brine (table olives)	pH	FSSAI Manual – Fruits & Vegetable Products : 2016	2 to 10
424.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fruit products (Juices, Pulp, Puree,Concentrate, Soup powder, Bar,	Total Soluble solids	FSSAI Manual– Fruits & Vegetable Products : 2016	2 % to 90 %
425.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Toffee, Squash, Crush, Syrups, Sharbat, Cordial, cocktail, carbonated /non- carbonated everages, Drinks, Jams, Jelly, Marmalads, Murabba, cheese, Chutney, topppings), Synthetic Syrups/Sharbat, Barley water	Total Soluble solids in °Brix	FSSAI Manual– Fruits & Vegetable Products : 2016	2 % to 90 %
426.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fruit proucts (Soup powder, Bar, Toffee, Flakes, dehyrated / dried fruits, fruit based	Moisture	FSSAI Manual – Fruits & Vegetable Products,: 2016	0.5 % to 50 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 64 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		beverage mix, powdered fruit based beverage), Raisins, Dates & Dates paste, Tamarind			
427.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fruit Pulp, Fruit Puree, Sweetened Fruit Pulp & Sweetened Fruit Puree	Total soluble solids exclusive of added sugar	FSSAI Manual– Fruits & Vegetable Products : 2016	2 % to 20 %
428.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fruit Pulp, Fruit Puree, Sweetened Fruit Pulp & Sweetened Fruit Puree	Added sugar	FSSAI Manual– Fruits & Vegetable Products : 2016	1 % to 35 %
429.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fruit sauces	Total Soluble solids (on salt free basis)	FSSAI Manual – Fruits & Vegetable Products : 2016	1 % to 25 %
430.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fruit sauces	Acidity % (as acetic acid)	FSSAI Manual – Fruits & Vegetable Products: 2016	0.5 % to 5 %
431.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fruits &Vegetables, Pickles packed in brine/citrus juice/oil/vinegar	Acidity	IS 2860: 1964	0.5 % to 8 %
432.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Packing brine (table olives & pickles)	Sodium chloride content	FSSAI Manual – Fruits & Vegetable Products,: 2016	1 % to 15 %
433.	CHEMICAL/ FOOD &	Pickles in vinegar	Acidity of vinegar as acetic acid	FSSAI Manual – Fruits & Vegetable Products:	0.5 % to 5 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 65 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	13/3	3.5	2016	
434.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Processed, Dried, Canned, bottled, retort pouched, fermented,	Allura red AC	FSSAI Manual –Food Additives : 2016	1 mg/kg to 500 mg/kg
435.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	vegetables(includin g mushrooms & fungi, roots, tubers, pulses, beans,	Benzoates (as Benzoic acid)	FSSAI Manual –Food Additives : 2016	1 mg/kg to 2500 mg/kg
436.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	cereals and legumes, alovera), seaweeds, nuts, seeds) & in	Brilliant blue FCF	FSSAI Manual –Food Additives : 2016	1 mg/kg to 500 mg/kg
437.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	vingegar/oil/brine, Frozen vegetables, Soyabean sauce	Carmoisine	FSSAI Manual –Food Additives : 2016	1 mg/kg to 500 mg/kg
438.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Erythrosine	FSSAI Manual –Food Additives : 2016	1 mg/kg to 500 mg/kg
439.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Fast green FCF	FSSAI Manual –Food Additives : 2016	1 mg/kg to 500 mg/kg
440.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Indigocarmine	FSSAI Manual –Food Additives : 2016	1 mg/kg to 500 mg/kg
441.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Ponceau 4R	FSSAI Manual –Food Additives : 2016	1mg/kg to 500 mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 66 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		/ 05 /		0 / /2/	
442.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	p / 3	Sorbates (as Sorbic acid)	FSSAI Manual –Food Additives : 2016	1 mg / kg to 2500 mg / kg
443.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	EDITAT	Sunset yellow	FSSAI Manual –Food Additives : 2016	1 mg/kg to 500 mg/kg
444.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	D (3)	Tartrazine	FSSAI Manual –Food Additives : 2016	1 mg/kg to 500 mg/kg
445.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Sunset yellow	FSSAI Manual –Food Additives : 2016	1 mg/kg to 500 mg/kg
446.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Caramel	FSSAI Manual–Food Additives: 2016	1 mg/kg to 50,000 mg/kg
447.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Sulphites (expressed as residual SO2)	FSSAI Manual–Food Additives: 2016	5 mg/kg to 3000 mg/kg
448.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fruits & Vegetable products-			
449.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Raisins	Damaged raisins	Codex CXS-67:1981	0.1 % to 10 %
450.	CHEMICAL/	Raisins	Sugared raisins	Codex CXS-67:1981	1 % to 20 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 67 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD & AGRICULTURAL PRODUCTS	13/8		(8/3/	
451.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Seedless tamarind	Crude fibre	IS 10226:Part:1982 (RA 2020)	0.5 % to 15 %
452.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Seedless tamarind	Organic extraneous matter	IS 1797 : 2017 (RA 2021)	0.1 % to 10 %
453.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Seedless tamarind	Tamarind seeds	IS 6364: 1993 (RA 2019)	0.1 % to 10 %
454.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Soup powders, Dehydrated vegetables	Moisture	FSSAI Manual – Fruits & Vegetable Products,: 2016	0.1 % to 10 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Soup powders, Tomato ketchup, Vegetable sauce, Culinary pastes, Soyabean sauce,	Total Soluble Solids	FSSAI Manual – Fruits & Vegetable Products: 2016	1 % to 50 %
456.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Soyabean sauce	Total Nitrogen	FSSAI Manual – Fruits & Vegetable Products: 2017	0.1 % to 5 %
457.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Synthetic vinegar	Test for presence of mineral/sulphuric acid	FSSAI manual of methods of analysis of food – Fruits & Vegetable products: 2016	Qualitative
458.	CHEMICAL/	Tamarind (Pulp,	Acidity % (as tartaric acid)	FSSAI Manual – Fruits	1 % to 15 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 68 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD & AGRICULTURAL PRODUCTS	Puree, concentrate)		& Vegetable Products: 2017	
459.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Thermally processed fruits,	Product filled capacity	FSSAI Manual – Fruits & Vegetable Products : 2016	40 % to 95 %
460.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Thermally processed fruits, Pickles, Table olives in the packing brine	Drained weight	FSSAI Manual – Fruits & Vegetable Products : 2016	40 % to 80 %
461.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Thermally processed Vegetables (including mushrooms & fungi, roots, tubers, pulses, beans, cereals and legumes, alovera), seaweeds, nuts, seeds)	Product filled capacity	FSSAI Manual – Fruits & Vegetable Products : 2016	40 % to 95%
462.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Thermally processed Vegetables (including mushrooms & fungi, roots, tubers, pulses, beans, cereals and legumes, alovera), seaweeds, nuts, seeds)	Drained weight	FSSAI Manual – Fruits & Vegetable Products : 2016	40 % to 80 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 69 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
463.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Vegetable sauce, Tomato ketchup, Culinary paste, Soyabean sauce	Acidity expressed as acetic acid	FSSAI Manual – Fruits & Vegetable Products: 2016	0.1 % to 5 %
464.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Almond kernels	Inshell almonds, shell or skin fragments	CML/A&F/N&N/SOP/11: 2016	0.01 % to 1%
465.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Almond kernels	Rancid, rotton and damaged by insects or other pests	CML/A&F/N&N/SOP/11: 2016	0.01 % to 5%
466.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Almond kernels	Gummy and brown spot	CML/A&F/N&N/SOP/11: 2016	0.01 % to 5%
467.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Almond kernels	Blemishes and discoloration	CML/A&F/N&N/SOP/11: 2016	0.01 % to 10%
468.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Almond kernels	Shrunken or shrivelled and not sufficiently developed kernels	CML/A&F/N&N/SOP/11: 2016	0.01 % to 10%
469.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Almond kernels	Split, broken and halves	CML/A&F/N&N/SOP/11: 2016	0.01 % to 10%
470.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Almond kernels	Chipped and Scrateched	CML/A&F/N&N/SOP/11: 2016	0.01 % to 20%
471.	CHEMICAL/ FOOD &	Almond kernels	Doubles or twins	CML/A&F/N&N/SOP/11: 2016	0.01 % to 20%









Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

ISO/IEC 17025: 2017 **Accreditation Standard**

Certificate No. TC-5589 (Integrated) 70 of 306 Page No.

16.06.2022 to 15.06.2024 Validity Last Amended on 04.09.2022

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	13/	Tit.		
472.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Arecanuts	Damaged by moulds & insects	IS 16962 : 2018	0.5 % to 100 %
473.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Arecanuts	Damaged nuts	IS 16962 : 2018	1.0 % to 100 %
474.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Arecanuts	Moisture	IS 966: 1999 (RA 2018)	0.5 % to 15 %
475.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cashew kernels	Superficial damage	CML/A&F/N&N/SOP/11: 2016	0.01 % to 5%
476.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cashew kernels	Immature or shrivelled	CML/A&F/N&N/SOP/11: 2016	0.01 % to 5%
477.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cashew kernels	Speckled or spotted	CML/A&F/N&N/SOP/11: 2016	0.01 % to 1%
478.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cashew kernels	Presence of testa	CML/A&F/N&N/SOP/11: 2016	0.01 % to 5%
479.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Groundnut kernel	Non-edible seeds	CML/A&F/N&N/SOP/11: 2016	Qualitative







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 71 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
480.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Groundnut kernel, Pistachio nuts, Almond kernels, Cashew kernels, Walnut kernels	Acid insoluble ash	IS 4684 : 1975 (RA 2020)	0.01 - 0.5 %
481.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Groundnut kernel, Pistachio nuts, Almond kernels, Cashew kernels, Walnut kernels	Acidity of extracted oil, expressed as oleic acid	IS 4684 : 1975 (RA 2020)	0.1 - 5%
482.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Groundnut kernel, Pistachio nuts, Almond kernels, Cashew kernels, Walnut kernels	Peroxide value	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	1 - 35 meq/kg
483.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Groundnut kernel, Pistachio nuts, Almond kernels, Cashew kernels, Walnut kernels	Extraneous vegetable matter	CML/A&F/N&N/SOP/11: 2016	0.1% - 10%
484.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Groundnut kernel, Pistachio nuts, Almond kernels, Cashew kernels, Walnut kernels	Foreign matter	CML/A&F/N&N/SOP/11: 2016	0.01 % - 1%
485.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Groundnut kernel, Pistachio nuts, Almond kernels, Cashew kernels, Walnut kernels	Insect damaged	CML/A&F/N&N/SOP/11: 2016	0.01 % - 1%
486.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Groundnut kernel, Pistachio nuts, Almond kernels, Cashew kernels,	Damaged & Discolored units	CML/A&F/N&N/SOP/11: 2016	0.1 % - 10%







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 72 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Walnut kernels		3 / 'SX /	
487.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Groundnut kernel, Pistachio nuts, Almond kernels, Cashew kernels, Walnut kernels	Test for Rancidity	FSSAI manual of methods of analysis of foods – Oils & Fats: 2021	Qualitative
488.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Groundnut kernel, Pistachio nuts, Almond kernels, Cashew kernels, Walnut kernels	Moisture	IS 4684 : 1975 (RA 2020)	1.0 % - 10%
489.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Groundnut kernel, Pistachio nuts, Almond kernels, Cashew kernels, Walnut kernels, Arecanuts	Test for added coloring matter	FSSAI Manual – Food Additives: 2016	Qualitative
490.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Pistachio nuts	Unopened shells	CML/A&F/N&N/SOP/12: 2016	0.1% % to 10 %
491.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Pistachio nuts	Empty shells	CML/A&F/N&N/SOP/12: 2016	0.1% % to 10 %
492.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Pistachio nuts	Mouldy shells	CML/A&F/N&N/SOP/12: 2016	0.1% % to 10 %
493.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coconut Cream / Cream concentrate & milk	pН	FSSAI Manual – Milk & Milk Products: 2016	5 to 7
494.	CHEMICAL/	Coconut Cream /	Moisture	FSSAI Manual – Milk &	60 % to 95 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 73 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD & AGRICULTURAL PRODUCTS	Cream concentrate & milk		Milk Products: 2016	
495.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coconut Cream / Cream concentrate & milk	Solids Not-fat	FSSAI Manual – Milk & Milk Products: 2016	1 % to 10 %
496.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coconut Cream / Cream concentrate & milk	Total solids	FSSAI Manual – Milk & Milk Products: 2016	5 % to 50 %
497.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coconut flour	Crude fibre	IS 4684 : 1975 (RA 2020)	0.5 % to 15 %
498.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coconut flour	Acid-insoluble ash	IS 966: 1999 (RA 2018)	0.05 % to 1 %
499.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coconut Milk powder	Bulk density	IS 16116 : 2013 (RA 2018)	0.2 - 0.5 g/ml
500.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Desiccated coconut	Extraneous vegetable material	IS 966: 1999 (RA 2018)	1 - 15 fragments/100g
501.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Desiccated coconut	Foreign matter	IS 966: 1999 (RA 2018)	Qualitative
502.	CHEMICAL/ FOOD & AGRICULTURAL	Desiccated coconut, Coconut flour & Coconut	Moisture	IS 4684 : 1975 (RA 2020)	1 % to 15 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 74 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	milk powder		0 / 1/2/	
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Desiccated coconut, Coconut milk powder, Coconut flour	FFA of the extracted oil (as lauric acid)	IS 966: 1999 (RA 2018)	0.01 - 5 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Desiccated coconut, Coconut milk, Coconut cream, Coconut cream concentrate, Coconut milk powder, Coconut flour	Fat	IS 966: 1999 (RA 2018)	0.1 - 80 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Desiccated coconut, Coconut milk, Coconut cream, Coconut cream concentrate, Coconut milk powder, Coconut flour	Test for rancidity	FSSAI Manual - Food additives - 2016	Qualitative
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Desiccated coconut, Coconut milk, Coconut cream, Coconut cream concentrate, Coconut milk powder, Coconut flour	Test for added coloring matter	FSSAI Manual - Food additives - 2016	Qualitative
507.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Desiccated coconut, Coconut milk, Coconut cream, Coconut cream concentrate,	Protein	IS 4684 : 1975 (RA 2020)	0.1 % to 50 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 75 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Coconut milk powder, Coconut flour		° [3]	
508.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Desiccated coconut, Coconut milk, Coconut cream, Coconut cream concentrate, Coconut milk powder, Coconut flour	Total ash	IS 4684 : 1975 (RA 2020)	0.1 % to10 %
509.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Desiccated coconut, Coconut milk, Coconut cream, Coconut cream concentrate, Coconut milk powder, Coconut flour, copra	Sulphur dioxide (SO2)	AOAC 21st Ed: – 990.28: 2019	5 mg / kg to 1000 mg / kg
510.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Atta, Maida & Rawa	Gluten	FSSAI Manual -Cereal & Cereal Products, : 2016	5 % to 20 %
511.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Rava, Besan, Barley powder, Oats products, Wheat protein products, Maize starch, Tapioca sago & its flour, Corn meal, Corn grits, Corn flour, Soy protein products	Total ash	FSSAI Manual -Cereal & Cereal Products : 2016	0.05 % to 10 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 76 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
512.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Barley powder, Maize starch, Tapioca starch, Sago flour	Starch	IS 4706 (Part 2) :1978 (RA 2020)	85 % to 100 %
513.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cereal / pulses / millets/Food grains based products	Test for added coloring matter	FSSAI Manual –Food Additives: 2016	Qualitative
514.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cereal/grains/millet s/Peas/legume/root s/pulses/tubers & its pre-cooked &	Sulphites (expressed as SO2)	FSSAI Manual - Food additives - 2016	10 to 250
515.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	processed products, Flours, Starches, Breakfast cereals, rolled oats,	Phosphates (expressed as P)	AOAC 21st ed : – 2011.14: 2019	10 mg/kg to 10000 mg/kg
516.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Macaroni products, Cereals & Starch based deserts, Soyabean	Butylated hydroxy toluene (BHT)	FSSAI MANUAL- Food Additives: 2016	1 mg/kg to 250 mg/kg
517.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	products, batters	Tertiary butyl hydro quinone (TBHQ)	FSSAI MANUAL- Food Additives: 2016	1 mg/kg to 250 mg/kg
518.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Buthylated hydroxy anisole (BHA)	FSSAI MANUAL- Food Additives: 2016	1 mg/kg to 250 mg/kg
519.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Benzoates (as Benzoic acid)	FSSAI MANUAL- Food Additives: 2016	1 mg/ kg to 2000 mg/ kg
520.	CHEMICAL/ FOOD &		Sorbates (as Sorbic acid)	FSSAI MANUAL- Food Additives: 2016	5 mg/ kg to 2000 mg/ kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 77 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	1 35/0	11.	6/3//	
521.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cereal/grains/millet s/Peas/legume/root s/pulses/tubers & its pre-cooked &	Brilliant blue FCF	FSSAI Manual –Food Additives, : 2016	1 mg/kg to 250 mg/kg
522.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	processed products, Flours, Starches, Breakfast cereals, rolled oats,	Carmoisine	FSSAI Manual –Food Additives, : 2016	1 mg/kg to 250 mg/kg
523.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Macaroni products, Cereals & Starch based deserts, Soyabean	Erythrosine	FSSAI Manual –Food Additives, : 2016	1 mg/kg to 250 mg/kg
524.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	products, batters	Fast green FCF	FSSAI Manual –Food Additives, : 2016	1 mg/kg to 250 mg/kg
525.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Indigocarmine	FSSAI Manual –Food Additives, : 2016	1 mg/kg to 250 mg/kg
526.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Ponceau 4R	FSSAI Manual –Food Additives, : 2016	1 mg/kg to 250 mg/kg
527.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Sunset yellow	FSSAI Manual –Food Additives, : 2016	1 mg/kg to 250 mg/kg
528.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Allura red AC	FSSAI MANUAL- Food Additives: 2016	1 mg/kg to 250 mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 78 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		1 3 / 1	H.		
529.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cereal/grains/millet s/Peas/legume/root s/pulses/tubers & its pre-cooked &	Tartrazine	FSSAI MANUAL- Food Additives: 2016	1 mg/kg to 250 mg/kg
530.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	processed products, Flours, Starches, Breakfast cereals, rolled oats,	Acesulfame K	FSSAI Manual –Food Additives, : 2016	5 mg/kg to 2000 mg/kg
531.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Macaroni products, Cereals & Starch based deserts, Soyabean	Aspartame	FSSAI Manual –Food Additives, : 2016	10 mg/kg to 2500 mg/kg
532.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	products, batters	Fat NDIA 9 S3	AOAC 21st Ed: -950.54: 2019	0.1 g/100g to 60 g/100g
533.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Protein	IS 7219 : 1973 (RA 2020)	1 g/100g to 95 g/100g
534.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Total dietary fibres	AOAC 21st Ed: -985.29: 2019	0.5 g/100g to 60 g/100g
535.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Calories	CML/A&F/NI/SOP/01: 2016	100 kcal/100g to 1000 kcal/100g
536.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Carbohydrates	AOAC 21st Edn: - 986.29: 2019	10 g/100g to 80 g/100g







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 79 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		1 35/1	Ter.		
537.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cereal/grains/millet s/Peas/legume/root s/pulses/tubers & its pre-cooked &	Sugars	AOAC 21st Ed: -925.42: 2019	0.5 g/100g to 80 g/100g
538.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	processed products, Flours, Starches, Breakfast cereals, rolled oats,	Potassium	AOAC 21st Ed: - 2011.14: 2019	0.5 mg/100 g to 5500 mg/100 g
539.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Macaroni products, Cereals & Starch based deserts, Soyabean	Sodium	AOAC 21st Ed: - 2011.14: 2019	0.5 mg/100g to 2500 mg/100g
540.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	products, batters	Iron	AOAC 21st Ed: - 2011.14: 2019	0.5 mg/100g to 100 mg/100g
541.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Magnesium	AOAC 21st Ed: - 2011.14: 2019	0.5 mg/100g to 750 mg/100g
542.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Calcium	AOAC 21st Ed: - 2011.14: 2019	0.5 mg/100g to 200 mg/100g
543.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cereals and Cereal products Maida, Pearl millet flour, Jowar millet flour, Finger millets flour, Tapioca flour, Sago flour, Corn grit, Corn meal, Corn	% Granularity / Particle size (mesh size 315 μ, 212 μ), 1 mm, 0.6 mm, 0.85 mm, 0.71 mm, 0.21 mm, 1.19 mm, 1.2 mm, 2 mm, 100 mesh size)	IS 1010:1968 (RA 2020)	50 % to 100 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 80 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		flour	1.		
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cereals and Cereal products (Atta, Maida, Rawa, Besan, Barley powder), Food grains (Rice, Wheat, Maize, Jowar & its flour, Oats & its products, Finger Millet & its flour, Pearl millet & its flour); Pulses (Lentils, Black gram, Green gram, Bengal gram, Red gram, Horse gram, beans, Peas, Soyabean), Breakfast cereal	Moisture	FSSAI Manual -Cereal & Cereal Products: 2016	1 % to 20 %
545.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cereals and Cereal products Atta, Barley powder, Oats products, Tapioca starch, Pearl millet & its flour, Finger millet & its flour, Tapioca flour, Wheat bran, sago flour, Tapioco sago, Soyabean products	Crude fibre	FSSAI Manual -Cereal & Cereal Products: 2016	0.1 % to 20 %
546.	CHEMICAL/ FOOD &	Cereals and Cereal products Atta,	Ash insoluble in dil. HCl	FSSAI Manual-Cereal & Cereal Products : 2016	0.01 % to 5 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 81 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	Maida, Rawa, Besan, Barley powder, Maize starch, Macroni products, Oats products, Tapioca sago & its flour, Tapioca flour, Pearl millet & its flour, Jowar & its flour, Breakfast cereal, Finger millet & its flour, Wheat bran, soy protein products		ALPINOITAN III	
547.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cereals and Cereal products Atta, Maida, Rawa, Besan, Barley powder, Maize starch, Oats products, Pearl millet & its flour, Jowar & its flour	Alcoholic acidity (with 90 percent alcohol) expressed as H2SO4	FSSAI Manual -Cereal & Cereal Products,: 2016	0.01 % to 0.3 %
548.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	cooked foods	Soda content	FSSAI Manual Cereal & Cereal Products: 2016	Qualitative
549.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Corn flakes	Alcoholic acidity (with 90 percent alcohol)	FSSAI Manual -Cereal & Cereal Products,: 2016	0.1ml to 3ml
550.	CHEMICAL/ FOOD & AGRICULTURAL	Corn flakes	Moisture	IS 1158:1973 (RA 2020)	1% to 10%







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 82 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	/ 05 /		0 / 1/2/	
551.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Corn flakes	Total ash excluding salt	FSSAI Manual-Cereal & Cereal Products : 2016	0.05 % to 5 %
552.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Food grains (Cereals, Pulses & Millets)	Test for Argemone, mexicana & Kesari seeds in any form	CML/A&F/C&C/SOP/08: 2018	Qualitative
553.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Food grains , Cereals, Pulses, Millets	Damaged grains	FSSAI Manual Cereal & Cereal Products: 2016	0.1 % to 20 %
554.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Food grains , Cereals, Pulses, Millets	Impurities of animal origin	FSSAI Manual -Cereal & Cereal Products : 2016	0.01 % to 1 %
555.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Food grains , Cereals, Pulses, Millets	Inorganic or mineral matter	FSSAI Manual -Cereal & Cereal Products : 2016	0.01 % to 5 %
556.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Food grains , Cereals, Pulses, Millets	Weevilled grains/kernels	FSSAI Manual -Cereal & Cereal Products : 2016	0.1 % to 20 %
557.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Food grains , Cereals, Pulses, Millets	Other food/edible grains/pulses	FSSAI Manual Cereal & Cereal Products: 2016	0.1 % to 10 %
558.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Food grains , Cereals, Pulses, Millets	Test weight	IS 4333 (Part 3) : 2018	35 (kg /hl) to 90 (kg /hl)
559.	CHEMICAL/	Food grains ,	1 litre mass	IS 4333 (Part 3) : 2018	500 g/ lit to 1000 g/ lit









Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 83 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses, Millets		° [3]	
560.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Food grains , Cereals, Pulses, Millets	Organic extraneous matter	FSSAI Manual Cereal & Cereal Products: 2016	0.1 % to 15 %
II .	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Food grains , Cereals, Pulses, Millets	Immature & Shrivelled grains	FSSAI Manual Cereal & Cereal Products: 2016	0.1 % to 15 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Food grains , Cereals, Pulses, Millets	Foreign matter (extraneous matter)	FSSAI Manual Cereal & Cereal Products: 2016	0.1 % to 15 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Food grains , Cereals, Pulses, Millets and Its flours	Uric acid	FSSAI Manual -Cereal & Cereal Products: 2016	5 mg / kg to200 mg / kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Macroni products	Moisture	IS 1485 : 1993 (RA 2020)	1% to 15%
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Macroni products, Wheat bran	Acid value (in the extracted fat)	FSSAI Manual -Cereal & Cereal Products : 2016	0.2 to 6.0
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Maize starch, Tapioca sago	pH of aqueous extract	IS 4706 Part 2 : 1978 (RA 2020)	3 to 8
567.	CHEMICAL/ FOOD & AGRICULTURAL	Oats	Ergot in oats	FSSAI Manual -Cereal & Cereal Products: 2016	0.01 % to 2 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 84 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	1 05/		0 / 1/2/	
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Oats	Hull-less & broken kernels	FSSAI Manual -Cereal & Cereal Products : 2016	0.1 % to 10 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Papad	Acid insoluble ash	IS 2639 : 1999 (RA 2020)	0.01 % to 1 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Papad	Alkalinity of ash (as Na2CO3)	IS 2639 : 1999 (RA 2020)	0.1 % to 5 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Papad	Crude fibre	IS 2639 : 1999 (RA 2020)	0.1 % to 5 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Papad	Fat	IS 2639 : 1999 (RA 2020)	0.1 % to 5 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Papad	Moisture	IS 2639 : 1999 (RA 2020)	5 % to 20 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Papad	pH of water extract	IS 2639 : 1999 (RA 2020)	6 to 9
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Papad	Total ash	IS 2639 : 1999 (RA 2020)	1 % to 20 %
576.	CHEMICAL/	Pearl millet flour,	Fat	FSSAI Manual -Cereal &	0.1 % to 10 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 85 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD & AGRICULTURAL PRODUCTS	Jowar millet flour, Corn grit, Corn meal, Corn flour		Cereal Products : 2016	
577.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Pulses	Discolored seeds in pulses	IS 4333 (Part 1) : 2008	0.1 % to 5 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Pulses	Seeds with serious defects in Pulses	IS 4333 (Part 1): 2018	0.1 % to 20 %
579.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Pulses	Seeds with slight defects in Pulses	IS 4333 (Part 1): 2018	0.1 % to 15 %
580.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Rice	Heat damaged kernels	ISO 7301:2021	0.1 % to 20 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Rice	Kernels with Pin points	ISO 7301:2021	0.1 % to 10 %
582.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Rice	Immature kernels	ISO 7301:2021	0.1 % to 15 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Rice	Chalky kernels	ISO 7301:2021	0.1 % to 15 %
584.	CHEMICAL/ FOOD & AGRICULTURAL	Sago flour	Acidity	AOAC 21st edn. 939.05 : 2019	10 mg KOH/g to 500 mg KOH/g







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 86 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	1 05/		0 / 1/2/	
585.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Soyabean products	Urease activity	IS 7835 : 2013 (RA 2018)	0.01 - 0.5 pH units rise
586.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Tapioca sago	Color of gelatinized alkaline paste in the porcelain on the lovibond scale	IS 899 : 1971 (RA 2017)	0.1R+0.1Y to 1R+5Y
587.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Tapioca sago & its flour, Tapioca flour, Corn flour,Corn meal, Corn grits,Maize starch	Moisture	IS 4706:Part 1:1978 (RA 2020)	1% to 15%
588.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Textured soy protein	Acid insoluble ash (on dry mass basis)	FSSAI Manual-Cereal & Cereal Products: 2016	0.05 % to 1.5 %
589.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Textured soy protein	Crude fibre (on dry mass basis)	FSSAI Manual-Cereal & Cereal Products: 2016	0.2 % to 6 %
590.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Textured soy protein	Fat (on dry mass basis)	FSSAI Manual-Cereal & Cereal Products: 2016	0.1 % to 2.0 %
591.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Textured soy protein	Moisture	FSSAI Manual-Cereal & Cereal Products: 2016	1 % to 10 %
592.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Textured soy protein	Total ash (on dry mass basis)	FSSAI Manual-Cereal & Cereal Products: 2016	0.5 % to 10 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 87 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
593.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Wheat & Soyabean protein products	Moisture	IS 4684 : 1975 (RA 2020)	1% to 15%
594.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Wheat bran	Moisture	IS 7874 (Part 1):1975 (RA 2019)	1% to 15%
595.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Bakery Products		174	
596.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Bakery products (Breads, bread type products, buns, rolls, crackers,	Acidity of extracted Fat (as Oleic acid)	FSSAI Manual -Cereal & Cereal Products : 2016	0.05 % to 2.5 %
597.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	biscuits, muffins, cakes, pies, cookies, rusks, prepared doughs,	Ash insoluble in dil. HCl	FSSAI Manual -Cereal & Cereal Products : 2016	0.01 % to 1 %
598.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	stuffing mixes, wafers, danish pastry, cones for ice cream)	Phosphates (expressed as P)	AOAC 21st ed : – 2011.14: 2019	100 mg/kg to 10000 mg/kg
599.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Permitted Synthetic added coloring matter	FSSAI MANUAL - Food Additives: 2016	1 mg/kg - 500 mg/kg
600.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Benzoates (as Benzoic acid)	FSSAI MANUAL - Food Additives: 2016	5 - 1500 mg/kg
601.	CHEMICAL/ FOOD &		Sorbates (as Sorbic acid)	FSSAI MANUAL - Food Additives: 2016	10 - 1500 mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 88 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	13/	150		
602.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	E S	Moisture	FSSAI Manual -Cereal & Cereal Products: 2016	1 % to 12.5 %
603.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Bread and Bread type products	Alcoholic acidity (with 90 % alcohol) mL of 1N NaOH / 100 g	FSSAI Manual -Cereal & Cereal Products: 2016	1 mL/ 100 g to 12.5 mL/ 100 g
604.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sweets & Confectionery		1377	
605.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Chocolates	Acid insoluble ash	IS 1163: 1992 (RA 2019)	0.01 % to 1 %
606.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Chocolates	Cocoa solids	IS 1163: 1992 (RA 2019)	0.5 % to 20 %
607.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Chocolates	Milk fat	IS 1163: 1992 (RA 2019)	0.5 % to 20 %
608.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Chocolates	Milk solids	IS 1163: 1992 (RA 2019)	1 % to 25 %
609.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Chocolates	Total fat	IS 1163: 1992 (RA 2019)	5 to 50 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 89 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
610.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Chocolates	Sugars	IS 1163: 1992 (RA 2019)	5 to 50 %
611.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Chocolates	Moisture	IS 1163: 1992 (RA 2019)	1 % to 25 %
612.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Chocolates & Confectionery	Calories	CML/A&F/NI/SOP/01: 2018	100 kcal/100 g to 1000 kcal/100 g
613.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Chocolates & Confectionery	Carbohydrates	AOAC 21st Edn: – 986.25: 2019	10 % to 80 %
614.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Chocolates & Confectionery	Cholesterol	AOAC 21st Edn: - 994.10: 2019	10 mg / 100 g to 800 mg / 100 g
615.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Chocolates & Confectionery	Fat	AOAC 21st Edn: – 950.54: 2019	1 % to 60 %
616.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Chocolates & Confectionery	Protein	AOAC 21st Edn: - 2001.14: 2019	0.5 % to 15 %
617.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Chocolates & Confectionery	Saturated fat	AOAC 21st Edn: – 996.01: 2019	25 % to 85 %
618.	CHEMICAL/ FOOD &	Chocolates & Confectionery	Sugars	AOAC 21st Edn: – 925.42: 2019	10 % to 70 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 90 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	1 3/	THE STATE OF THE S	6/3/	
619.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Chocolates & Confectionery	Total dietary fibres	AOAC 21st Edn: – 985.29: 2019	1 % to 15 %
620.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Confectionery	Ash insoluble (in dil.HCl)	IS 6287: 1985 (RA 2020)	0.01 % to 1 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Confectionery	Fat content	IS 6287: 1985 (RA 2020)	1 % to 10 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Confectionery	Moisture	IS 6287: 1985 (RA 2020)	0.5 % to 12 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Confectionery	Sulphated ash (on salt free basis)	IS 6287: 1985 (RA 2020)	0.2 % to 5 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Confectionery	Total protein	IS 6287: 1985 (RA 2020)	0.5 % to 8 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Confectionery	Permitted Synthetic added coloring matter	FSSAI Manual –Food Additives : 2016	1 mg/kg to 500 mg/kg
626.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Confectionery	Caramel	FSSAI Manual –Food Additives : 2016	1 mg/kg to 50,000 mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 91 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
627.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Confectionery	Hydrocyanic acid	IS 11535: 1986 (RA 2020)	1 mg/kg to 50 mg/kg
628.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Icing sugar	starch	IS 15279:2003 (RA 2018)	1.0 % - 10 %
629.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Jaggery	Extraneous matter insoluble in water	IS 15279: 2003 (RA 2018)	0.05 % to 5 %
630.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Jaggery	Total sugars (expressed as invert sugar)	IS 15279: 2003 (RA 2018)	75 % to 99.9 %
631.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Lozenges	Sucrose content	IS 6287: 1985 (RA 2020)	60 % to 90 %
632.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar	Conductivity ash	IS 15279: 2003 (RA 2018)	0.001 % to 1 %
633.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar	Turbidity test (in 50% sugar solution)	GS2/3-18	1 - 100 ICUMSA unit
634.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar	Specific conductivity	IS 15279: 2003 (RA 2018)	1 - 100 μS/cm
635.	CHEMICAL/ FOOD &	Sugar	Water insoluble matter	IS 15279: 2003 (RA 2018)	0.05 % to 1 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 92 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	13/	14.	S / S /	
636.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar	Calcium	AOAC 21st ed (2011.14): 2019	1 mg/100g to 500 mg/100g
637.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar	Extraneous matter	IS 15279: 2003 (RA 2018)	0,01 % to 1 %
638.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar	Polarisation	IS 15279: 2003 (RA 2018)	5 °Z to 100 °Z
639.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar	Iron filings	IS 3633 : 2003 (RA 2018)	Qualitative
640.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar & Jaggery	Sulphites (expressed as residual Sulphur dioxide)	IS 15279: 2003 (RA 2018)	5 mg/kg to 300 mg/kg
641.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar & Jaggery	Ash insoluble in dil. HCl	IS 12923: 1990 (RA 2018)	0.01 % to 1.5 %
642.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar & Jaggery	Moisture	IS 15279: 2003 (RA 2018)	0.02 % to 50 %
643.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar & Jaggery	Reducing sugars	IS 15279: 2003 (RA 2018)	0.01 % to 25 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 93 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
644.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar & Jaggery	Sucrose	IS 15279: 2003 (RA 2018)	50 to 99.95 %
645.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar & Jaggery	Sulphated ash	IS 15279: 2003 (RA 2018)	0.1 % to 10 %
646.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar & Jaggery	Calories	CML/A&F/NI/SOP/01: 2016	300 kcal/100g to 600 kcal/100g
647.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar & Jaggery	Carbohydrates	AOAC 21st ed (986.25): 2019	60 g/100g to 99.9 g/100g
648.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar & Jaggery	Fat	AOAC 21st ed: (950.54): 2019	0.05 g/100g to 0.25 g/100g
649.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar & Jaggery	Test for added coloring matter	FSSAI Manual of Analysis of foods (Food Additives): 2016	Qualitative
650.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar & Jaggery	Iron	AOAC 21st edn (2011.14): 2019	1 mg/100g to 100 mg/100g
651.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar & Jaggery	Magnesium	AOAC 21st ed (2011.14): 2019	1 mg/100g to 500 mg/100g
652.	CHEMICAL/ FOOD &	Sugar & Jaggery	Phosphorous	AOAC 21st ed (2011.14): 2019	1 mg/100g to 1500 mg/100g







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 94 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	13/	THE STATE OF THE S	6/3/	
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar & Jaggery	Potassium	AOAC 21st ed (2011.14): 2019	1 mg/100g to 1000mg/100g
654.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar & Jaggery	Protein	AOAC 21st ed (2001.11): 2019	0.05 % to 10 %
655.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar & Jaggery	Total Ash	IS 12923: 1990 (RA 2018)	0.01 % to 10 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar & Jaggery	Water insoluble matter	IS 15279: 2003	0.05 % to 1 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Honey	Electrical Conductivity	Harmonised methods of the International Honey commission	0.1 mS/cm - 1.0 mS/Cm
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Honey	Free acidity	AOAC 21st Edn 962.19 (2019)	1 - 100 meq/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Honey	Moisture	IS 4941 : 1994 (RA 2019)	10 % to 30 %
660.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Honey	Specific gravity @ 27°C	IS 4941 : 1994 (RA 2019)	1.00 to 1.50







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 95 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
661.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Honey	Total ash	IS 4941 : 1994 (RA 2019)	0.01 % to 2 %
662.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Honey	Acidity (expressed as formic acid)	IS 4941 : 1994 (RA 2019)	0.01 % to 1.0 %
663.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Honey	Fiehe's test	IS 4941 : 1994 (RA 2019)	Qualitative
664.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Honey	Fructose to Glucose ratio	IS 4941 : 1994 (RA 2019)	0.7 to 2
665.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Honey	Hydroxy Methyl Furfural (HMF)	AOAC 21st Edn 980.23 /2019	1 mg / kg to 150 mg / kg
666.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Honey	Sucrose	IS 4941 : 1994 (RA 2019)	0.5 % to 20 %
667.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Honey	Total reducing sugars	IS 4941 : 1994 (RA 2019)	40 % to 95 %
668.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Honey	Water insoluble matter	Harmonised methods of the International Honey commission	0.01 % to 2 %
669.	CHEMICAL/ FOOD &	Salt, Spices, Condiments and			







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 96 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	related products:-	35	6/3/	
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cardamom / Large Cardamom (seeds)	Light seeds / Brown / Red seeds	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 % to 5 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cardamom / Large Cardamom (seeds)	Empty & Malformed capsules by count	IS 1907 : 1984 (RA 2019	0.1 % to 5 %
672.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cardamom / Large Cardamom (seeds)	Immature & Shrivelled capsules	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 % to 5 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dried Ginger & Nutmeg (whole & powder)	Calcium oxide (as CaO)	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 % to 5 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fresh turmeric root, turmeric whole & turmeric powder	Coloring power (expressed as curcumenoid content) or Curcumin content	FSSAI Manual of analysis of foods - Herbs, Spices and Condiments : 2021	0.5 % to 12 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fresh turmeric root, turmeric whole & turmeric powder	Coloring power (expressed as curcumenoid content) or Curcumin content	ASTA 18.0	0.5 % to 12 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Aniseed	Foreign edible seeds	IS 16680:2018	0.1 % to 5 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Aniseed & Ajowan	Shrivelled, immature, damaged / insect damaged / broken fruit	FSSAI Manual of analysis of foods - Herbs, Spices and Condiments : 2021	0.1 % to 10 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 97 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
678.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Asafoetida & compounded Asafoetida	Colophony, galbonum, ammoniaccum & foreign resins	FSSAI Manual of analysis of foods - Herbs, Spices and Condiments : 2021	Qualitative :Qualitative (present / absent)
679.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Asafoetida & compounded Asafoetida	Total ash content	IS : 7807: 1975 (RA 2019)	5 to 25 %
680.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Asafoetida & mustard powder	Starch	IS: 7807: 1975 (RA 2019)	0.05 % to 5.0 %
681.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Asafoetida, compounded Asafoetida & Dried ginger powder	Alcoholic extract (with 90 percent alcohol)	FSSAI Manual of analysis of foods - Herbs, Spices and Condiments : 2021	1 to 70 %
682.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Black pepper	Papaya seeds	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	Qualitative(Present/ab sent)
683.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Black peppers	Pinheads	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 % to 10 %
684.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Black, White & Green peppers	Light berries	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 % to 20 %
685.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Black, White & Green peppers	broken berries	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 % to 20 %
686.	CHEMICAL/ FOOD &	Black, White & Green peppers	mouldy berries	FSSAI Manual of analysis of foods -	0.1 % to 10 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 98 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	13%	The same of the sa	Herbs Spices and Condiments : 2021	
687.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Black, White & Green peppers	Bulk density	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	300 g/L to 800 g/L
688.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Black, White & Green peppers	Insect defiled berries /corns	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 % to 10 %
689.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Black, White & Green peppers	Mammalian or/and other excreta,	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 % to 10 %
690.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Black, White & Green peppers (Whole, Ground powdered & crushed)	Piperine content	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.2 % to 6%
691.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Chillies & Capsicum whole	Unripe & marked fruits	CML/A&F/SC/RF/SOP - 01 : 1997	0.01 % to 5 %
692.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Chillies & Capsicum whole	Broken fruits, seed & fragments	CML/A&F/SC/RF/SOP - 01 : 1997	0.1 % to 10 %
693.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum,pepper whole & powder	Test for mineral oil	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	Qualitative
694.	CHEMICAL/ FOOD & AGRICULTURAL	Cinnamon whole & powder	Coumarin content	FSSAI Manual of analysis of foods - Herbs Spices and	0.001 % to 1 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 99 of 306

S.No.	Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	/ 05/	34	Condiments : 2021	
695.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cloves whole	Headless cloves	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 % to 100 %
696.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cloves whole	Khokar cloves	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 % to 5 %
697.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cloves whole	Tendrils, Mother cloves	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 % to 5 %
698.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Compounded Asafoetida	Test for coal tar dyes	FSSAI Manual - Food Additives: 2016	Qualitative :Qualitative (present / absent)
699.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Compounded Asafoetida	Test for mineral pigments	FSSAI Manual - Food Additives: 2016	Qualitative :Qualitative (present / absent)
700.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coriander whole	Damaged / Discolored fruits	IS 1797: 2017 (RA 2021)	0.1 % to 10 %
701.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coriander whole	Split fruits	IS 1797: 2017 (RA 2021)	1 % to 25 %
702.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cumin black whole	Broken fruits (damaged, shrivelled, discolored & immature seeds)	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.5 % to 10 %
703.	CHEMICAL/	Cumin black whole	edible seeds other than	FSSAI Manual of	0.1 % to 10 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 100 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD & AGRICULTURAL PRODUCTS	1,3/8	cumin black	analysis of foods - Herbs Spices and Condiments : 2021	
704.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cumin whole	Mouldy seeds	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 % to 5 %
705.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cumin whole	Damaged/Defective fruits	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 % to 10 %
706.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cumin whole	Dead insects, Insect fragments, rodent contamination	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 % to 5 %
707.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cumin whole	Animal excreta	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 mg/kg to 10 mg/kg
708.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cumin whole	Broken	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 % to 10 %
709.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cumin whole & powder	Uric acid	IS 4333 (Part 5) - : 1970	5 mg / kg to 500 mg / kg
710.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cumin whole &White, Black, Green peppers	Extraneous vegetable matter	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 % to 5 %
711.	CHEMICAL/ FOOD & AGRICULTURAL	Cumin whole &White, Black, Green peppers	Foreign matter	FSSAI Manual of analysis of foods - Herbs Spices and	0.01 % to 5 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 101 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	/ 05/		Condiments : 2021	
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Curry & Mixed Masala powder	Edible common salt	IS 1797 : 2017 (RA 2021)	0.05 % to 15 %
713.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Curry powder, Masala powder, Seasoning, condiments, Spice blends	Fat	AOAC 21st edn. 950.54: 2019	0.5 g/100g to 50 g/100g
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Curry powder, Masala powder, Seasoning, condiments, Spice blends	sugars	AOAC 21st ed:925.42: 2019	0.5 g/100g to 25 g/100g
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Curry powder, Masala powder, Seasoning, condiments, Spice blends	Protein	IS 7219 : 1973 (RA 2020)	0.5 g/100g to 50 g/100g
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Curry powder, Masala powder, Seasoning, condiments, Spice blends,saffron, chilli, capsicum, cloves, Mace, Mutard, Nutmeg, Pepper & its powder	Crude fibre	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	1.0 % to 50 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dried Garlic	Volatile organic sulphur compound	IS 16358 : 2017 (RA 2021)	0.1 % to 1%







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 102 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
718.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dried Garlic & Dehydrated onion	Peroxidase test	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	Qualitative(Positive/N egative)
719.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dried Ginger powder	Alcohol (90% v/w) soluble extract	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	1 % to 20 %
720.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dried Ginger powder	Water soluble ash	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.5 % to 5 %
721.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fennel whole	Defective seeds	IS 3796 : 2011 (RA 2019)	0.1 % to 10 %
722.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fennel whole	edible seeds other than fennel	IS 3796 : 2011 (RA 2019)	Qualitative(Present/ab sent)
723.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fenugreek & Dried Ginger/Garlic	Cold water soluble extract	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	10 % to 95 %
724.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fenugreek whole	edible seeds other than Fenugreek	IS 3795 : 2010 (RA 2020)	0.1 % to 5 %
725.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, Masalas, Spice mixtures, Seasoning, Condiments	Sulphites (expressed as residual SO2)	FSSAI Manual - Food Additives : 2016	5.0 mg /kg to 250 mg /kg
726.	CHEMICAL/	Herbs, Spices,	Sorbates (as sorbic acid)	FSSAI Manual- Food	10 mg/kg to 1500







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 103 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD & AGRICULTURAL PRODUCTS	Seasonings & Condiments		Additives : 2016	mg/kg
727.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Herbs.spices,seaso ning, condiments, masalas & spice mixtures	Butylated hydroxyanisole (BHA)	FSSAI Manual- Food Additives : 2016	10 mg/kg to 500 mg/kg
728.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Herbs.spices,seaso ning, condiments, masalas & spice mixtures	Butylated hydroxytoluene (BHT)	FSSAI Manual- Food Additives : 2016	10 mg/kg to 500 mg/kg
729.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Herbs.spices,seaso ning, condiments, masalas & spice mixtures	Tertiary butyl hydroxyquinone (TBHQ)	FSSAI Manual - Food Additives : 2016	10 mg/kg to 500 mg/kg
730.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mace whole	Nutmeg in mace	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 % to 5 %
731.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mixed Masalas	organic matter including foreign edible seeds	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 % to 10 %
732.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard whole	Damaged or shrivelled seeds	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 % to 5 %
733.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Whole & powder	Test for argemone seeds / oil	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	Qualitative
734.	CHEMICAL/ FOOD & AGRICULTURAL	Nutmeg whole	Mace in nutmeg	FSSAI Manual of analysis of foods - Herbs Spices and	0.1 % to 10 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 104 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	1 05/		Condiments : 2021	
735.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Nutmeg whole& powder	Water insoluble ash	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 % to 3 %
736.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Saffron & its powder	Bitterness (expressed as direct reading of absorbance of picrocrocine at about 257 nm)	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	20 to 80
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Saffron & its powder	Coloring strength (expressed as direct reading of absorbance of 440 nm)	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	50 to 200
738.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Saffron & its powder	Floral waste	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 % to 15 %
739.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Saffron & its powder	Moisture & Volatile matter @ 103°C	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	2 % to 15 %
740.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Saffron & its powder	Safranal (expressed as direct reading of absorbance of 330 nm)	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	10 to 60
741.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Saffron & its powder	Solubility in cold water	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	10 % to 75 %
742.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Saffron & its powder	Total nitrogen	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 % to 5 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 105 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Seasoning & condiments	Phosphates (as P)	AOAC 21st ed :- 2011.14: 2019	10 to 2500
744.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	seasonings & condiments	Benzoates (as benzoic acid)	FSSAI Manual -Food Additives : 2016	5 mg/kg to 1500 mg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments (Whole & powders) Caraway, Cardamom & its seeds, Chillies ,Capsicum , Cinnamon, Cassia, Cloves , Coriander , Cumin ,Fennel , Fenugreek , Dried Ginger, Mace, Mustard , Nutmeg, Pepper, Poppy, Saffron, Turmeric, Aniseed , Ajowan, Dried Garlic, Celery, Dehydrated onion, Star anise, Asafoetida & compounded Asafoetida, Mixed Masala, Blends of spices, Curry / Masala powder / Seasonings	Ash insoluble in dilute HCl	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.05 % to 5 %
746.	CHEMICAL/	Spices &	Non-volatile ether extract	FSSAI Manual of	0.1 % to 50 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 106 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD & AGRICULTURAL PRODUCTS	Condiments (Whole & powders) Caraway, Cardamom & its seeds, Chillies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fennel, Fenugreek, Dried Ginger, Mace, Mustard, Nutmeg, Pepper, Poppy, Saffron, Turmeric, Aniseed, Ajowan, Dried Garlic, Celery, Dehydrated onion, Mixed Masala, Star anise & Curry powder	ON O INDIA 93	analysis of foods - Herbs Spices and Condiments : 2021	
747.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments (Whole & powders) Caraway, Cardamom & its seeds, Chillies ,Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fennel, Fenugreek, Dried Ginger, Mace, Mustard, Nutmeg, Pepper, Poppy, Saffron, Turmeric,	Total Ash	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 % to 15 %









Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

ISO/IEC 17025: 2017 **Accreditation Standard**

Certificate No. 107 of 306 TC-5589 (Integrated) Page No.

16.06.2022 to 15.06.2024 Validity Last Amended on 04.09.2022

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Aniseed , Ajowan, Dried Garlic, Celery, Mixed Masala, Dehydrated onion, Star anise, Saffron			
748.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments (Whole & powders) Caraway, Cardamom & its seeds, Chillies ,Capsicum , Cinnamon, Cassia, Cloves , Coriander , Cumin ,Fennel , Fenugreek , Dried Ginger, Mace, Mustard , Nutmeg, Pepper, Poppy, Saffron, Turmeric, Aniseed , Ajowan, Dried Garlic, Celery, Dehydrated onion, Star anise, Curry & Masala powder	Volatile oil content	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 % to 25 %
749.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments (Whole & powders) Caraway, Cardamom & its seeds, Chillies ,Capsicum, Cinnamon, Cassia,	Moisture	FSSAI Manual of analysis of foods - Herbs, Spices and Condiments : 2021	1 % to 18 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 108 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Cloves, Coriander, Cumin, Fennel, Fenugreek, Dried Ginger, Mace, Mustard, Nutmeg, Pepper, Poppy, Saffron, Turmeric, Aniseed, Ajowan, Dried Garlic, Celery, Dehydrated onion, Star anise, Mixed Masala, Curry / Masala powder & Seasonings		ALLIAN III	
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments (Whole & powders) Caraway, Cardamom & its seeds, Chillies ,Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fennel, Fenugreek, Dried Ginger, Mace, Mustard, Nutmeg, Pepper, Poppy, Saffron, Turmeric, Mixed masala, Aniseed, Ajowan, Dried Garlic, Celery, Dehydrated onion, Star anise,	Test for added coloring matter	FSSAI Manual - Food Additives: 2016	Qualitative







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 109 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Curry / Masala powder	350	(C) (S)	
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments (Whole) Caraway, Cardamom & its seeds, Chillies ,Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fennel, Fenugreek, Dried Ginger, Mace, Mustard, Nutmeg, Pepper, Poppy, Saffron, Turmeric, Aniseed, Ajowan, Dried Garlic, Celery, Dehydrated onion, Star anise, Mixed Masala	Insect damaged matter	FSSAI Manual of analysis of foods - Herbs Spices and Condiments : 2021	0.1 % to 10 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments (Whole) Caraway, Cardamom & its seeds, Chillies ,Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fennel, Fenugreek, Dried Ginger, Mace, Mustard, Nutmeg, Pepper, Poppy, Saffron, Turmeric,	Total extraneous mater	FSSAI Manual of analysis of foods - Herbs, Spices and Condiments : 2021	0.1 % to 5 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 110 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Mixed masala, Aniseed , Ajowan, Dried Garlic, Celery, Dehydrated onion, Star anise			
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments (Whole) Caraway, Cardamom & its seeds, Chillies ,Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fennel, Fenugreek, Dried Ginger, Mace, Mustard, Nutmeg, Pepper, Poppy, Saffron, Turmeric, Mixed masala, Aniseed, Ajowan, Dried Garlic, Celery, Dehydrated onion, Star anise	Inorganic extraneous matter	FSSAI Manual of analysis of foods - Herbs, Spices and Condiments : 2021	0.01 % to 5 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments (Whole) Caraway, Cardamom & its seeds, Chillies ,Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fennel, Fenugreek, Dried Ginger, Mace,	Extraneous matter	FSSAI Manual of analysis of foods - Herbs, Spices and Condiments : 2021	0.01 % to 5 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 111 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Mustard , Nutmeg, Pepper, Poppy, Saffron, Turmeric, Mixed masala, Aniseed , Ajowan, Dried Garlic, Celery, Dehydrated onion, Star anise		C I I I I I I I I I I I I I I I I I I I	
755.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Star anise	Stalks	ISO 927 : 2009	0.1 % to 10%
756.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Star anise	Broken and abnormal fruits	IS 16409 : 2015 (RA 2020)	0.1 % to 50%
757.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Turmeric Whole & Powder	Test for Lead chromate	FSSAI Manual of analysis of foods - Herbs, Spices and Condiments : 2021	Qualitative :(Positive / Negative)
758.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Turmeric Powder	Total starch	FSSAI Manual of analysis of foods - Herbs, Spices and Condiments : 2021	30 % to 70 %
759.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Turmeric Powder	Test for morphologically extraneous matter including foreign starch	FSSAI Manual of analysis of foods - Herbs, Spices and Condiments : 2021	Qualitative : (Present / Absent)
760.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Turmeric whole	Defective rhizomes	FSSAI Manual of analysis of foods - Herbs, Spices and Condiments : 2021	0.1 % to 10 %
761.	CHEMICAL/ FOOD &	White & Green peppers	Black berries/ corns	FSSAI Manual of analysis of foods -	0.1 % to 20 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 112 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	1 3/0	35.	Herbs Spices and Condiments : 2021	
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible common salt ,Table salt, lodized salt, rock salt, sea salt, Black salt, Double Fortified salts, Refined salts	pH value in 5% aqueous solution	IS 12981 : 1991 (RA 2020)	5 to 9
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible common salt ,Table salt, Iodized salt, rock salt, sea salt, Black salt, Double Fortified salts, Refined salts	Chloride content (as NaCl)	IS 7224: 2006 (RA 2021)	90 % to 99.9 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible common salt ,Table salt, lodized salt, rock salt, sea salt, Black salt, Double Fortified salts, Refined salts	Potassium	IS 9497 : 1980 (RA 2020)	0.01 % to 1.0 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible common salt ,Table salt, lodized salt, rock salt, sea salt, Black salt, Double Fortified salts, Refined salts	Calcium (as Ca)	IS 7224: 2006 (RA 2021)	0.05 % to 1.0 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible common salt ,Table salt, lodized salt, rock salt, sea salt, Black salt, Double Fortified salts, Refined salts	lodine content	IS 7224: 2006 (RA 2021)	5 mg/kg to 50 mg/kg
	CHEMICAL/ FOOD &	Edible common salt ,Table salt, lodized	Matter insoluble in dil. HCl	IS 253 - : 2014 (RA 2020)	0.1 % to 5.0 %









Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

ISO/IEC 17025: 2017 **Accreditation Standard**

Certificate No. TC-5589 (Integrated) 113 of 306 Page No.

16.06.2022 to 15.06.2024 Validity Last Amended on 04.09.2022

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	salt, rock salt, sea salt, Black salt, Double Fortified salts, Refined salts			
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible common salt ,Table salt, lodized salt, rock salt, sea salt, Black salt, Double Fortified salts, Refined salts	Matter insoluble in water	IS 7224: 2006 (RA 2021)	0.1 % to 5 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible common salt ,Table salt, lodized salt, rock salt, sea salt, Black salt, Double Fortified salts, Refined salts	lodine content	IS 7224: 2006 (RA 2021)	5 mg/kg to 50 mg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible common salt ,Table salt, lodized salt, rock salt, sea salt, Black salt, Double Fortified salts, Refined salts	Phosphorous	AOAC 21st Ed: – 2011.14: 2019	100 mg/kg to 4000 mg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible common salt ,Table salt, Iodized salt, rock salt, sea salt, Black salt, Double Fortified salts, Refined salts	Sodium Chloride content (as NaCl)	CODEX STAN 150- 1985	90 % to 99.9 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible common salt ,Table salt, Iodized salt, rock salt, sea salt, Black salt, Double Fortified salts, Refined salts	Sulphate (as SO4)	IS 7224: 2006 (RA 2021)	0.05 % to 1.5 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 114 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible common salt ,Table salt, lodized salt, rock salt, sea salt, Black salt, Double Fortified salts, Refined salts	Magnesium (as Mg)	IS 7224: 2006 (RA 2021)	0.01 % to 1.0 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible common salt ,Table salt, lodized salt, rock salt, sea salt, Black salt, Double Fortified salts, Refined salts	Matter Soluble in water other than NaCl	IS 7224: 2006 (RA 2021)	0.2 % to 5 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible common salt ,Table salt, lodized salt, rock salt, sea salt, Black salt, Double Fortified salts, Refined salts	Moisture	IS 7224: 2006 (RA 2021)	0.01 % to 10 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Beverges, (other than Dairy,Frutis and Vegetables based);-	• भारत •		
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cocoa beans	Germinated and flat beans	IS 8865:: 2019	0.1 % to 8.0 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cocoa beans	Insect damaged	IS 8865:: 2019	0.1 % to 5.0 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cocoa beans	Moisture content	IS 8865:: 2019	2 % to 12 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 115 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
780.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cocoa beans	Moldy beans	IS 8865: 2019	0.2 % to 6 %
781.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cocoa beans	Slaty beans	IS 8865:: 2019	0.2 % to 10 %
782.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cocoa beans, Cocoa powder,Cocoa mass/nib/liquor/cak e & other forms & Cocoa products, Coffee, Chicory & its mixture	Test for rancidity	FSSAI Manual of method of analysis of foods - oils & fats - 2021	Qualitative
783.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cocoa beans, Cocoa powder,Cocoa mass/nib/liquor/cak e & other forms & Cocoa products, Coffee, Chicory & its mixture	Test for added coloring matter	FSSAI Manual of method of analysis of foods - food additives - 2016	Qualitative
784.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cocoa mass/nib/liquor/cak e & other forms	Cocoa Shell and Germ	IS 8865:: 2019	0.1 % - 10%
785.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cocoa powder, Cocoa mass/nib/liquor/cak e&other forms	Moisture content	IS 1164: 1986 (RA 2017)	1 % to 20 %
786.	CHEMICAL/ FOOD &	Cocoa powder,Cocoa	Alkalinity of total ash (as K2O)	IS 1164: 1986 (RA 2017)	0.5 % to 15.0 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 116 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	mass/nib/liquor/cak e & other forms	35	(C) (S)	
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cocoa powder,Cocoa mass/nib/liquor/cak e & other forms	Acid insoluble ash	IS 1164: 1986 (RA 2017)	0.01 % to 2 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cocoa powder,Cocoa mass/nib/liquor/cak e & other forms	Cocoa butter	IS 1164: 1986 (RA 2017)	5 % to 65 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cocoa powder,Cocoa mass/nib/liquor/cak e & other forms	Crude fibre	IS 1164: 1986 (RA 2017)	0.2 % to 10 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cocoa products	Benzoates (as Benzoic acid)	FSSAI Manual - Food additives : 2016	5 mg/kg - 2000 mg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cocoa products	Sorbates (as Sorbic acid)	FSSAI Manual - Food additives : 2016	10 mg/kg - 2000 mg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cocoa products	Phosphates (as PO4)	AOAC 21st edn.2011.14 : 2019	10 to 2500 mg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cocoa products	Butylated Hydroxy Anisole (BHA)	AOAC 21st edn. 983.15 : 2019	5 mg/kg - 500 mg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cocoa products	Butylated Hydroxy Toluene (BHT)	AOAC 21st edn. 983.15 : 2019	5 mg/kg - 500 mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 117 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
795.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cocoa products	Tertiary Butyl Hydroxy Quinone (TBHQ)	AOAC 21st edn. 983.15 : 2019	5 mg/kg - 500 mg/kg
796.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coffee	Water soluble ash	IS 3077 : 1992 (RA 2019)	45 % to 85 %
797.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coffee	Alkalinity of soluble ash in ml of 0.1 N HCl per gram of material	IS 3077 : : 1992 (RA 2019)	1 mL /g to 8 mL /g
798.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coffee & Coffee- Chicory mixture	Caffeine (anhydrous)	IS 16028: 2012 (RA 2017)	0.01 % to 4 %
799.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coffee & Coffee- Chicory mixture	Solubility in boiling water	IS 2791: 1972 (RA 2019)	10 sec to 60 sec
800.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coffee & Coffee- Chicory mixture	Solubility in cold water at 16±2°C	IS 2791: 1972 (RA 2019)	1 minute to 5 minutes
801.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coffee & Coffee- Chicory mixture	Moisture	IS 2791: 1992 (RA 2019)	1.0 % to 10 %
802.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coffee, Chicory & Coffee-Chicory mixture	Total ash	IS 2791: 1992 (RA 2019)	0.5 % to 20 %
803.	CHEMICAL/ FOOD &	Coffee, Chicory & Coffee-Chicory	Acid insoluble ash	IS 3077 : 1992 (RA 2019)	0.01 % to 5.0 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 118 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	mixture	15.	6/3/	
804.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coffee, Chicory & Coffee-Chicory mixture	Aqueous extracts	IS 3077 : : 1992 (RA 2019)	20 % to 80 %
805.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Tea	Acid insoluble ash	IS 13857: 1993 (RA 2019)	0.05 % to 2 %
806.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Tea	Alkalinity of water soluble ash expressed as KOH	IS 13856: 1993 (RA 2019)	0.5 % to 5.0 %
807.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Tea	Crude fibre	IS 10226 Part 1: 1982 (RA 2020)	5 % to 20 %
808.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Теа	Iron filings	IS 3633: 2003 (RA 2018)	10 mg/kg to 500 mg/kg
809.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Теа	Moisture	IS 13853 : 1994 (RA 2019)	1 % to 10 %
810.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Tea	Test for added coloring matter	FSSAI Manual –Food Additives: 2016	Qualitative :Qualitative
811.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Tea	Total ash	IS 13854: 1994 (RA 2019)	2 % to 10 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 119 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
812.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Tea	Water extract	IS 13862: 1999 (RA 2019)	25 % to 45 %
813.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Tea	Water soluble ash	IS 13855: 1993 (RA 2019)	35 % to 80 %
814.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Tea	Caffeine	IS 16027: 2012 (RA 2017)	0.5 % to 5 %
815.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Alcoholic beverages	pH	FSSAI 13.040:2021	6-Feb
816.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Alcoholic beverages	sugars	FSSAI 13.037:2021	1-20% w/v
817.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Beer	Carbondioxide	FSSAI 13.039:2021	1-5% v/v
818.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Carbonated water, carbonated / non- carbonated water based beverage or drink	Allura red	FSSAI Manual - Food additives	1 mg/l to 500 mg/l
819.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Carbonated water, carbonated / non- carbonated water based beverage or drink	Benzoates (as Benzoic acid)	FSSAI Manual - Food additives	1 mg/l to 1500 mg/l







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 120 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Carbonated water, carbonated / non- carbonated water based beverage or drink	Brilliant blue	FSSAI Manual - Food additives	1 mg/l to 500 mg/l
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Carbonated water, carbonated / non- carbonated water based beverage or drink	Fast green FCF	FSSAI Manual - Food additives	1 mg/l to 500 mg/l
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Carbonated water, carbonated / non- carbonated water based beverage or drink	Indigo carmine	FSSAI Manual - Food additives	1 mg/l to 500 mg/l
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Carbonated water, carbonated / non- carbonated water based beverage or drink	Ponceau 4R	FSSAI Manual - Food additives	1 mg/l to 500 mg/l
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Carbonated water, carbonated / non- carbonated water based beverage or drink	Sorbates (as sorbic acid)	FSSAI Manual - Food additives	1 mg/l to 3500 mg/l
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Carbonated water, carbonated / non- carbonated water based beverage or drink	Carmoisine	FSSAI Manual - Food additives	1 mg/l to 500 mg/l
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Carbonated water, carbonated / non- carbonated water based beverage or	Sulphites (as SO2)	FSSAI Manual - Food additives 2016	5 mg/l - 2000 mg/l







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 121 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		drink		0 / //	
827.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Carbonated water, carbonated / non- carbonated water based beverage or drink	Erythrosine	FSSAI Manual - Food additives 2016	1 mg/l to 500 mg/l
828.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Carbonated water, carbonated / non- carbonated water based beverage or drink	Tartrazine	FSSAI Manual - Food additives 2016	1 mg/l to 500 mg/l
829.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Carbonated water, carbonated / non- carbonated water based beverage or drink	Sunset yellow	FSSAI Manual - Food additives 2016	1 mg/l to 500 mg/l
830.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Carbonated water, carbonated / non- carbonated water based beverage or drink	Sugars	AOAC 21st edn. 925.42 : 2019	0.1 - 50ml /100ml
831.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spirit	Alcoholic strength	FSSAI 13.002:2021	90 % abv to 99 % abv
832.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spirit & Alcoholic beverages	Ethyl alcohol content	FSSAI 13.002:2021	0.5 % by volume to 60 % by volume
833.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spirit & Alcoholic beverages	Residue on evaporation	FSSAI 13.006:2021	0.1 % m/v to 60 % m/v
834.	CHEMICAL/	Spirit & Alcoholic	volatile acids as acetic	FSSAI 13.009:2021	1 g/100 I absolute







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 122 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD & AGRICULTURAL PRODUCTS	beverages	acid	(E/3)	alcohol to 250 g/100 l of absolute alcohol
835.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spirit & Alcoholic beverages	Higher alcohols as amyl alcohol	FSSAI 13.014:2021	5 g/100 l absolute alcohol to 1000 g/100 l of absolute alcohol
836.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spirit & Alcoholic beverages	Methyl alcohol	FSSAI 13.027:2021	1 g/100 I absolute alcohol to 300 g/100 I of absolute alcohol
837.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spirit & Alcoholic beverages	Total esters as ethyl acetate	FSSAI 13.010:2021	5 g/100 I absolute alcohol to 400 g/100 I of absolute alcohol
838.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spirit & Alcoholic beverages	Furfural	FSSAI 13.021:2021	0.1 g/100 I absolute alcohol to 20 g/100 I of absolute alcohol
839.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spirit & Alcoholic beverages	Aldehydes (as acetaldehyde)	FSSAI 13.018:2021	1 g/100 I absolute alcohol to 200 g/100 I of absolute alcohol
840.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spirit & Alcoholic beverages	Test for chloral hydrate	indian journal of Chemical technology ,1999	Qualitative
841.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spirit & Alcoholic beverages	Test for ammonium chloride	indian journal of Chemical technology ,2000	Qualitative
842.	CHEMICAL/ FOOD & AGRICULTURAL	Spirit & Alcoholic beverages	Test for Paraldehyde	journal of molecular modeling 2008	Qualitative







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 123 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	/ 05 /		3 / 22 /	
843.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spirit & Alcoholic beverages	Test for pyridine	Isolation & Identification of drugs- E .C .G .Clark	Qualitative
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spirit & Alcoholic beverages	Test for diazepam or narcotic	Isolation & Identification of drugs- E .C .G .Clark	Qualitative
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spirit & Alcoholic beverages	Test for Psychotropic substances including caffeine	Isolation & Identification of drugs- E .C .G .Clark	Qualitative
846.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Wine, Cider, Perry	Residual extract (sugar free)	FSSAI 13.032:2021	5 g/l to 250 g/l
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Wine, Cider, Perry	Total acids (as tartaric acid)	FSSAI 13.007:2021	1 g/l to 20 g/l
848.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Wine, Cider, Perry	Total acids (as tartaric acid)	FSSAI 13.008:2021	1 g/l to 20 g/l
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Egg & Egg Products-			
850.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Egg powder	Moisutre	IS 4723 : 1978 (RA 2020)	0.01 % to 5%
851.	CHEMICAL/	Egg powder	Total solids	AOAC 21st edn. 925.30	85 % to 99%







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 124 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD & AGRICULTURAL PRODUCTS	13/8		- 2019	
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fresh eggs, Frozen & Liquid egg products	Water	IS 4723 : 1978 (RA 2020)	60 % to 80 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fresh eggs, Frozen & Liquid egg products, Egg powder	рH	IS 10382 : 1982 (RA 2020)	10-Feb
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fresh eggs, Frozen egg products, Egg powder, Liquid egg products	Fat	AOAC 21st Ed: – 925.32: 2019	0.05 g/100g to 70 g/100g
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fresh eggs, Frozen egg products, Egg powder, Liquid egg products	Protein	AOAC 21st edn.: – 925.31: 2019	5 g/100g to 20 g/100g
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fresh eggs, Frozen egg products, Egg powder, Liquid egg products	Total ash	IS 1547 -1985 (RA 1987)	0.05 g/100g to 5 g/100g
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fresh eggs, Frozen egg products, Egg powder, Liquid egg products	Acid insoluble ash in dil.HCL	IS 1547 -1985 (RA 1987)	0.01 to 2.0 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fresh eggs, Frozen egg products, Egg powder, Liquid egg products	Omega-3-fatty acids	AOAC 21st Ed: -996.01: 2020	0.5 % to 75 %
859.	CHEMICAL/ FOOD & AGRICULTURAL	Frozen & Liquid egg products	Solid matter content	UNECE Standard EGG Products - EGG 2	5 % to 50 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 125 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	1 05/			
860.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Frozen & Liquid egg products	Extraneous matter	UNECE Standard EGG Products - EGG 2	1 mg/kg to 200 mg/kg
861.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Frozen & Liquid egg products, Egg powder	Benzoates (as Benzoic acid)	FSSAI Manual - Food additives - 2016	1 mg/kg to 5000 mg/kg
862.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Frozen & Liquid egg products, Egg powder	Sorbates (as Sorbic acid)	FSSAI Manual - Food additives - 2016	1 mg/kg to 1000 mg/kg
863.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Meat & Meat Products:-	OKAN O INDIA O S3	5/2/	
864.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Dried & Dehydrated Meat products	Water activity	IS 17178 : 2019	0.1 - 1.0
865.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Meat (Fresh, Chilled, Frozen, ground) & Meat products (canned, retorted pouch, commnited, restructured, cured, pickled, cooked, semi cooked, smoked, dried, dehydrated, marinated, fermented)	Moisture	IS 5960 Part 5 : 2001 (RA 2020)	1 % - 90 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 126 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
866.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Meat (Fresh, Chilled, Frozen, ground) & Meat products (canned,	Fat	FSSAI manual of methods of analysis of foods (Meat & Meat products): 2016	1 % - 80%
867.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	retorted pouch, commnited, restructured, cured, pickled, cooked,	Protein	FSSAI manual of methods of analysis of foods (Meat & Meat products): 2016	1 % - 50%
868.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	semi cooked, smoked, dried, dehydrated, marinated,	NItrites	FSSAI manual of methods of analysis of foods (Meat & Meat products): 2016	1 mg/kg to 1000 mg/kg
869.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	fermented)	Phosphates (as P)	AOAC 21th Ed: - 2011.14: 2019	10 mg/kg to 8000 mg/kg
870.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		Sulphites (expressed as residual SO2)	FSSAI manual of methods of analysis of foods (Food additives) : 2016	5 - 1000 mg/kg
871.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		TBHQ	AOAC 21st edn.983.15 - 2019	5 - 500 mg/kg
872.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		ВНА	AOAC 21st edn.983.15 - 2019	5 - 500 mg/kg
873.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS		ВНТ	AOAC 21st edn.983.15 - 2019	5 - 500 mg/kg
874.	CHEMICAL/ FOOD &		Sorbates (as Sorbic acid)	FSSAI manual of methods of analysis of	10 - 2000 mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 127 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	1 3/3	The same of the sa	foods (Food additives) : 2016	
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	E SOR	Benzoates (as Benzoic acid)	FSSAI manual of methods of analysis of foods (Food additives) : 2016	5 - 1500 mg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	D COREDIT	Permitted added synthetic coloring matter (Brilliant blue, Erythrosine, Fast green, Sunset yellow, Carmoisine, Tartrazine, Ponceau 4R, Allura Red, Indigo carmine)	FSSAI manual of methods of analysis of foods (Food additives) : 2016	1 - 500 mg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Food Additives	OH PN O INDIA O SE	57/2	
878.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Agar	Gelatin	IS 5707: 1996 (RA 2020)	Qualitative
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Agar	Insoluble matter	IS 5707: 1996 (RA 2020)	0.1 % to 2 %
880.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Agar	Moisture	IS 5707: 1996 (RA 2020)	1 % to 30 %
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Agar	Starch & dextrins	IS 5707: 1996 (RA 2020)	Qualitative
882.	CHEMICAL/	Agar	Total ash	IS 5707: 1996 (RA	0.5 % to 10 %







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 128 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD & AGRICULTURAL PRODUCTS	1,3/8		2020)	
883.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Agar	Water absorption	IS 5707: 1996 (RA 2020)	Qualitative
884.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ascorbic acid	Loss on drying	IS 4818: 1996 (RA 2020)	0.05 % to 1 %
885.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ascorbic acid	pH of 2% (m/v) solution	IS 5342 : 1996 (RA 2020)	1.5 to 6.5
886.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ascorbic acid	Purity	IS 5342 : 1996 (RA 2020)	90 % to 99.9 %
887.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ascorbic acid	Sulphated ash	IS 4750: 1996 (RA 2020)	0.01 % to 1 %
888.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Baker's yeast (compressed and dried)	Dispersibility in water	IS 1320: 1988 (RA 2020)	Qualitative
889.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Baker's yeast (compressed and dried)	Dough-raising capacity	IS 1320: 1988 (RA 2020)	Qualitative
890.	CHEMICAL/ FOOD & AGRICULTURAL	Baker's yeast (compressed and dried)	Fermenting power	IS 1320: 1988 (RA 2020)	100 to 1200







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 129 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	1 05/			
891.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Citric acid	Calcium	IS 3025 (Part 40) : 1991 (RA 2019)	1 mg/kg to 100 mg/kg
892.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Citric acid	Chloride	IS 3025 (Part 32): 1988 (RA 2019)	1 mg/kg to 100 mg/kg
893.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Citric acid	Water insoluble matter	IS 13186 : 1991 (RA 2020)	1 mg/kg to 100 mg/kg
894.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Guar gum	Acid insoluble matter	IS 10502: 2018	0.1 % to 10 %
895.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Guar gum	Loss on drying	IS 7928 : 1993 (RA 2020)	0.5 % to 15 %
896.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Guar gum	Protein	IS 7219: 1973 (RA 2020)	0.5 % to 10 %
897.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Guar gum	Purity (as galactomannans)	IS 10502: 2018	50 % to 95 %
898.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Guar gum	Starch	IS 10502: 2018	Qualitative
899.	CHEMICAL/	Guar gum	Total ash	IS 10502: 2018	0.1 % to 5 %









Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

ISO/IEC 17025: 2017 **Accreditation Standard**

Certificate No. TC-5589 (Integrated) 130 of 306 Page No.

16.06.2022 to 15.06.2024 Validity Last Amended on 04.09.2022

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD & AGRICULTURAL PRODUCTS	1,3/8	150	° [3]	
900.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Guar gum	Acid insoluble matter	IS 10502: 2018	0.1 % to 10 %
901.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Guar gum	Loss on drying	IS 7928 : 1993 (RA 2020)	0.5 % to 15 %
902.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Guar gum	Protein	IS 7219: 1973 (RA 2020)	0.5 % to 10 %
903.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Guar gum	Purity (as galactomannans)	IS 10502: 2018	50 % to 95 %
904.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Guar gum	Starch	IS 10502: 2018	Qualitative
905.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Guar gum	Total ash	IS 10502: 2018	0.1 % to 5 %
906.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Gum Arabic	Loss on drying	IS 6795: 2007 (RA 2020)	1 % to 20 %
907.	CHEMICAL/ FOOD & AGRICULTURAL	Gum Arabic	Starch & Dextrins	IS 6795: 2007 (RA 2020)	Qualitative







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 131 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	/ 051		0 1/2/1	
908.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Gum Arabic	Tannin-bearing gums	IS 6795: 2007 (RA 2020)	Qualitative
909.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Gum Arabic	Total ash	IS 6795: 2007 (RA 2020)	0.5 % to 8 %
910.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Monosodium L- glutamate	Chloride	IS 9505: 2007 (RA 2021)	0.01 % to 2 %
911.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Monosodium L- glutamate	Loss on drying	IS 9505: 2007 (RA 2021)	0.1 % to 5 %
912.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Monosodium L- glutamate	Purity (as C5H8O4NaH20)	IS 9505: 2007 (RA 2021)	90 % to 99.9 %
913.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Phosphoric acid	Fluoride	IS 10508: 2020	0.1 mg/kg to 50 mg/kg
914.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Phosphoric acid	Nitrates	IS 10508: 2020	0.1 mg/kg to 10 mg/kg
915.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Phosphoric acid	Purity as H3PO4	IS 10508: 2020	60 % to 90 %
916.	CHEMICAL/	Propylene glycol	Acidity	IS 13702 - : 1993 (RA	Qualitative







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 132 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD & AGRICULTURAL PRODUCTS	1 35/8		2020)	
917.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Propylene glycol	Ethylene glycol	IS 13702 - : 1993 (RA 2020)	Qualitative
918.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Propylene glycol	Moisture	IS 2362: 1992 (RA 2020)	0.01 % to 1 %
919.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Propylene glycol	Purity (as C6H8O2)	IS 13702 - : 1993 (RA 2020)	90 % to 99.9 %
920.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Propylene glycol	Sulphated ash (on dry basis)	IS 13702 - : 1993 (RA 2020)	0.001 % to 0.1 %
921.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Propylene glycol	Test for presence of other polyhydroxy compounds	IS 13702 - : 1993 (RA 2020)	Qualitative
922.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk & Fortified Milk (all classes	Vitamin A (Expressed as Retinyl acetate or Retinyl palmitate)	AOAC 21st edition :2001.13 2019	10µg RE/I 1000 µg RE/I
923.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk & Fortified Milk (all classes	Vitamin D2 (Ergocalciferol)	AOAC 21st edition :2016.05 2019	2μg/l 50 μg/l
924.	CHEMICAL/ FOOD & AGRICULTURAL	Fortified vegetable Oil	Vitamin D (Cholecalciferol or Ergocalciferol)	CML/INS/SOP/58 (Issue No. 1 & Issue Date 03.01.: 2017	0.05 μg/g to 1 μg/g







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 133 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	/ 05 /		3 / 1/2/	
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fortified vegetable Oil	Vitamin A (Retinol or Retinyl acetate or Retinyl palmitate)	AOAC 21st Edn- 2001.13: 2019	0.1 μg/g to 100 μg/g
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fortified & unfortified (food grains / flours & its products)	Vitamin B1as Thiamine	EN 14122 : : 2014	0.1 mg/kg to 10 mg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fortified & unfortified (food grains / flours & its products)	Vitamin B2 as Riboflavin	EN 14152 : : 2014	0.1 mg/kg to 10 mg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fortified & unfortified (food grains / flours & its products)	Vitamin B3 as Niacin	EN 15652 : : 2009	1 mg/kg to 50 mg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fortified & unfortified (food grains / flours & its products)	Vitamin B6 as Pyridoxine	EN 14164 : : 2014	0.1 mg/kg to 10 mg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fortified & unfortified (food grains / flours & its products)	Vitamin B9 as Folic acid	CML/INS/SOP/61 (Issue No.1&Issue Date 3.1.): 2017	50 μg/kg to 500 μg/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fortified & unfortified (food grains / flours & its products)	Vitamin A (as Retinyl acetate or Retinyl palmitate)	AOAC 21st Edn-Chapter (2001.13): 2019	100 μg RE/kg to 2000 μgRE/kg
	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fortified & unfortified (food grains / flours & its products)	Vitamin B12	AOAC 21st Edn (2011.09): 2019	0.5 μg/kg to 10 μg/kg
933.	CHEMICAL/	Fortified (food	Iron	AOAC 21st ed : -	5 mg/kg to 100 mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 134 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD & AGRICULTURAL PRODUCTS	grains / flours & its products)		2011.14: 2019	
934.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fortified (food grains / flours & its products)	Zinc	AOAC 21st ed : – 2011.14: 2019	5 mg/kg to 50 mg/kg
935.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fortified salt	lodine content	IS 7224: (RA 2021): 2006	5 mg/kg to 50 mg/kg
936.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fortified salt	Iron	AOAC 21 St Edn- 2011.14 : 2019	500 mg/kg to 1500 mg/kg
937.	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	Fish &Fish products :-	INDIA . S	~ 3 ² ~/	
938.	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	Fish	Histamine content	CML/INS/SOP/42 (Issue date 16.10.2015)	5 mg/kg to 500 mg/kg
939.	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	Fish	Indole	AOAC 21st Edn 2016 Chapter (981.07/35.1.35/p.25)	0.5 mg/kg to 200 mg/kg
940.	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	Fish pickle	Fluid portion	IS 14515 : 1998	10 -60 %
941.	CHEMICAL/ MARINE & AQUA CULTURE	Fish pickle	pH	IS 5741 : 1970	3 TO 6







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 135 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	1 05/			
942.	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	Fish pickle	Acidity as acetic acid of fluid Portion	IS 14515 : 1998	2 to 5 %
943.	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	Fish pickle	Sodium chloride	IS 14515 : 1998	2.5 to 15 %
944.	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	fish/Crushtaceans/ cephalopods	Moisture	FSSAI MANUAL –Fish & Fishery Products – p.59 : 2016	0.5 % to 90 %
945.	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	fish/Crushtaceans/ cephalopods	Ash	FSSAI Manual (2016)- Fish & Fishery Products	0.1 % to 5 %
946.	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	fish/Crushtaceans/ cephalopods	Ash insoluble in Hydrochloric acid	FSSAI MANUAL –Fish & Fishery Products – : 2016	0.05 % to 5 %
947.	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	fish/Crushtaceans/ cephalopods	Total Volatile Base Nitrogen (TVBN)	FSSAI Manual (2016)- Fish & Fishery Products	1mg/kg to 100mg/kg
948.	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	fish/Crushtaceans/ cephalopods	Sodium metabisulphite (as SO2)	AOAC 21st ed: (990.28): 2019	1 mg/kg to 500 mg/kg
949.	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	fish/Crushtaceans/ cephalopods	Total Phosphate (as P)	AOAC 21st edn. Chapter (2011.14) 2019	1 mg/kg to 10000 mg/kg
950.	CHEMICAL/	fish/Crushtaceans/	Nitrate as NO3	FSSAI Manual (2016)-	0.05 mg/kg to 500







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 136 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	MARINE & AQUA CULTURE PRODUCTS	cephalopods		Food Additives	mg/kg
951.	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	fish/Crushtaceans/ cephalopods	Nitrite as NO2	FSSAI Manual (2016)- Food Additives	5 mg/kg to 500 mg/kg
l l	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	fish/Crushtaceans/ cephalopods	pH	FSSAI Manual (2016)- Fish & Fishery Products	3.5 to 8
	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	fish/Crushtaceans/ cephalopods	Salt as NaCl	FSSAI Manual (2016)- Fish & Fishery Products,	0.1 % to 5 %
954.	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	fish/Crushtaceans/ cephalopods	Sodium as Na	AOAC 21st Ed-2011.14: 2019	10 mg/100g to 1000 mg/100g
	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	fish/Crushtaceans/ cephalopods	Chloroform	CML/INS/SOP/ 17 [Issue No & Date : 2 & 20.05.]: 2015	Qualitative :Qualitative (Present / absent)
	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	fish/Crushtaceans/ cephalopods	Formalin	IS 2237 : 1997 (Reaff:2018)	1 mg/kg to 100 mg/kg
957.	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	Fishery products includes Salted fish / dried salted fish	Allura red AC	FSSAI Manual (2016)- Food Additives	1 mg/kg to 250 mg/kg
	CHEMICAL/ MARINE & AQUA CULTURE	Fishery products includes Salted fish / dried salted fish	Brilliant blue FCF	FSSAI Manual (2016)- Food Additives	1 mg/kg to 250 mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 137 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	/ 05/	J. C.		
959.	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	Fishery products includes Salted fish / dried salted fish	Butylated Hydroxyanisole (BHA)	FSSAI Manual (2016)- Food Additives	10 mg/kg to 500 mg/kg
960.	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	Fishery products includes Salted fish / dried salted fish	Butylated hydroxytoluene (BHT) in fat	FSSAI Manual (2016)- Food Additives	10 mg/kg to 250 mg/kg
961.	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	Fishery products includes Salted fish / dried salted fish	Carmoisine	FSSAI Manual (2016)- Food Additives	1 mg/kg to 250 mg/kg
962.	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	Fishery products includes Salted fish / dried salted fish	Erythrosine	FSSAI Manual (2016)- Food Additives	1 mg/kg to 250 mg/kg
963.	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	Fishery products includes Salted fish / dried salted fish	Fast green FCF	FSSAI Manual (2016)- Food Additives	1 mg/kg to 250 mg/kg
964.	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	Fishery products includes Salted fish / dried salted fish	Sorbates (as sorbic acid)	FSSAI Manual (2016)- Food Additives	1 mg/kg to 2500 mg/kg
965.	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	Fishery products includes Salted fish / dried salted fish	Sulphites (expressed as residual SO2)	FSSAI Manual (2016)- Food Additives	10 mg/kg to 750 mg/kg
966.	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	Fishery products includes Salted fish / dried salted fish	Test for added coloring matter	FSSAI Manual (2016) – Food Additives: 2016	Qualitative
967.	CHEMICAL/	Salted fish / dried	Ash	FSSAI Manual (2016)-	0.1 % to 5 %









Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

ISO/IEC 17025: 2017 **Accreditation Standard**

Certificate No. TC-5589 (Integrated) 138 of 306 Page No.

16.06.2022 to 15.06.2024 Validity Last Amended on 04.09.2022

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	MARINE & AQUA CULTURE PRODUCTS	salted fish		Fish & Fishery Products	
	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	Salted fish / dried salted fish	Acid insoluble ash (on dry mass basis)	FSSAI Manual (2016)- Fish & Fishery Products: 2016	0.05 % to 5.0 %
	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	Salted fish / dried salted fish	Moisture	FSSAI Manual (2016)- Fish & Fishery Products: 2016	5 % to 50 %
	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	Salted fish / dried salted fish	Salt content (percent sodium chloride)	FSSAI Manual (2016)- Fish & Fishery Products: 2016	2 % to 35 %
	CHEMICAL/ MARINE & AQUA CULTURE PRODUCTS	Salted fish / dried salted fish	Water activity (aw), at 25°C	CML/A&F/WA/SOP/01: 2013	0.1 to 1.0
	CHEMICAL/ WATER	Water	. सारत .		
973.	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Color (True Color Units)	IS 3025 Part 4 - 2021 (Pt-Co) Visual comparison method APHA 23 rd Edn. 2017 - 2120 B	1 Hazen – 500 Hazen
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water /Drinking Water/Carbonated Water/Non Carbonated Water	Odour	IS 3025 Part 5 - 1983 (Reaff. 2017) APHA 23 rd Edn. 2017 - 2150 B	Qualitative
975.	CHEMICAL/	Packaged Drinking	Taste	IS 3025 Part 8 - 1984	Qualitative







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 139 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	WATER	Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water		(Reaff. 2017) APHA 23 rd Edn. 2017 - 2160 C	
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Turbidity	IS 3025 Part 10 - 1984 (Reaff.2017) APHA 23 rd Edn. 2017 - 2130 B	0.5 NTU - 200 NTU
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Total Dissolved Solids	IS 3025 Part 16 - 1984(Reaff. 2017) APHA 23 rd Edn. 2017 - 2540 C	1 mg/l – 10000 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water /Drinking Water/Carbonated Water/Non Carbonated Water	pH @ 25°C/ Hydrogen Ion Concentration	IS 3025 Part 11 - 1983(Reaff. 2017) (electrometric method) APHA 23 rd Edn. 2017- 4500 H ⁺ -B	1 – 14
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Barium as Ba	IS 3025 Part 2 -2004 (Reaff.2019) APHA 23rdEdn. 2017 - 3120 B	0.1 mg/l — 100 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water / Carbonated Water / Non	Copper as Cu	IS 3025 Part 2 -2004 (Reaff.2019) APHA 23rdEdn. 2017 - 3120 B	0.01 mg/l - 100 mg/l







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 140 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Carbonated Water		0 / /2/	
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Iron as Fe	IS 3025 Part 2 - 2004 (Reaff.2019) APHA 23 rd Edn. 2017- 3120 B	0.01 mg/l - 100 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Iron as Fe	IS 3025 Part 53 - 2003 (Reaff.2019) (1, 10 phenanthroline method) & APHA 23rd Edn. 2017- 3500 -Fe B	0.01 mg/l - 100 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Manganese as Mn	IS 3025 Part 2 -2004 (Reaff.2019) APHA 23rdEdn. 2017 - 3120 B	0.01 mg/l — 100 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Nitrate as NO ₃	IS 3025 Part 34 –1988 (Reaff.2019) (Chromotropic acid method)	1 mg/l - 100 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Nitrate as NO₃	APHA 23 rd Edn. 2017 - 4500 NO ₃ -B	1 mg/l — 100 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water /Drinking	Nitrite as NO ₂	IS 3025 Part 34 – 1988(Reaff.2019) APHA 23 rd Edn. 2017 -	0.005 mg/l – 10 mg/l







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 141 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Water/Carbonated Water/Non Carbonated Water	35	4500 NO ₂ -B	
987.	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Fluoride as F	IS 3025 Part 60 – 2008(Reaff.2019) – (Zirconium Alizarin Method)	0.1 – 20 mg/l
988.	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Fluoride as F	APHA 23rd Edn. 2017- 4500 - F - B, D	0.1 – 20 mg/l
989.	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Zinc as Zn	IS 3025 Part 2 -2004 (Reaff.2019) APHA 23rdEdn. 2017 - 3120 B	0.005 mg/l – 100 mg/l
990.	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Silver as Ag	IS 3025 Part 2 -2004 (Reaff.2019) APHA 23rdEdn. 2017 - 3120 B	0.005 mg/l – 10 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Aluminium as Al	IS 3025 Part 2 -2004 (Reaff.2019) APHA 23rdEdn. 2017 - 3120 B	0.005 mg/l – 100 mg/l
992.	CHEMICAL/	Packaged Drinking	Chloride as Cl	IS 3025 Part 32 –	1 mg/l - 10000 mg/l







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 142 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	WATER	Water / Mineral Water /Drinking Water/Carbonated Water/Non Carbonated Water		1988(Reaff.2019) (Argentometric method) APHA 23 rd Edn. 2017 4500 Cl ⁻ B	
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Selenium as Se	IS 3025 Part 2 -2004 (Reaff.2019) APHA 23rdEdn. 2017 - 3120 B	0.01 mg/l – 100 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water / Carbonated Water / Non Carbonated Water	Sulphate as SO ₄	IS 3025 Part 24 - 1986(Reaff. 2019) (Turbidity method) APHA 23 rd Edn. 2017 - 4500 SO ₄ B	1 mg/l – 5000 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water /Drinking Water/Carbonated Water/Non Carbonated Water	Total alkalinity as CaCO ₃	IS 3025 Part 23– 1986(Reaff.2019) APHA 23 rd Edn. 2017 - 2320 B	1 mg/l - 10000 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Alkalinity (as HCO₃)	IS 3025 Part 23 – 1986(Reaff.2019) APHA 23 rd Edn. 2017 - 2320 B	1 mg/l - 10000 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water / Carbonated Water / Non	Oxidisability (as O ₂)	IS 3025 Part 63 – 2007 (Reaff.2019)	1 mg/l – 100 mg/l







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 143 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Carbonated Water		0 / 1	
1	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water /Drinking Water/Carbonated Water/Non Carbonated Water	Chloramine (as Cl ₂)	IS 3025 Part 26 –2021 APHA 23 rd Edn. 2017 - 4500 CI -G	0.1 mg/l — 10 mg/l
999.	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Calcium as Ca	IS 3025 Part 40 – 1991(Reaff. 2019) (EDTA titrimetric method) APHA 23 rd Edn. 2017 - 3500 Ca - B	1.0 mg/l - 10000 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Magnesium as Mg	IS 3025 Part 46 – 1994(Reaff. 2019) (EDTA volumetric method) APHA 23rd Edn. 2017- 3500 Mg -B	1.0 mg/l - 10000 mg/l
1001.	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Sodium as Na	IS 3025 Part 45 – 1993(Reaff. 2019) (Flame photometry method)	1.0 mg/l – 1000 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water / Carbonated Water / Non Carbonated Water	Sodium as Na	IS 3025 Part 2 -2004 (Reaff.2019) APHA 23rd Edn. 2017- 3120 B	1.0 mg/l — 1000 mg/l
1003.	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking	Residual free Chlorine	IS 3025 Part 26-2021 (lodometric method) APHA 23rd Edn. 2017-	1.0 mg/l – 100 mg/l







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 144 of 306

MICAL/ PER WWW.W.C.	/ater/Carbonated /ater/Non arbonated Water ackaged Drinking /ater / Mineral /ater /Drinking /ater/Carbonated /ater/Non arbonated Water	Residual free Chlorine	4500 CI -B IS 3025 Part 26 –2021 (Colorimetric Method)	0.1 mg/l – 10 mg/l
ER W W W C	/ater / Mineral /ater /Drinking /ater/Carbonated /ater/Non	Residual free Chlorine		0.1 mg/l – 10 mg/l
			10 3	
W W	/ater / Mineral /ater /Drinking /ater/Carbonated /ater/Non	Phenolic compounds as C6H5OH	IS 3025 Part 43 – 1992(Reaff. 2019) (4- amino antipyrine with chloroform extraction) APHA 23rd Edn. 2017. 5530 - B,C	0.0005 mg/l — 1.0 mg/l
ER W W W	/ater / Mineral /ater /Drinking /ater/Carbonated /ater/Non	Mineral Oil	IS 3025 Part 39 - 2021 (Partition infra-red method) APHA APHA 23rd Edn. 2017- 5520 O&G,C	0.01 mg/l – 10 mg/l
ER W W W C	/ater / Mineral /ater /Drinking /ater/Carbonated /ater/Non	Anionic surface active Agent (as MBAS)	IS 3025 Part 68 - 2019 APHA 23rd Edn. 2017- 5540 B, C	0.01 mg/l — 5 mg/l
ER W W W W C	/ater / Mineral /ater /Drinking /ater/Carbonated /ater/Non arbonated Water	Sulfide as H ₂ S	IS 3025 Part 29 – 1986(Reaff. 2019) (Methylene blue method)	0.01 mg/l – 1.0 mg/l 0.01 mg/l - 10 mg/l
1	R W W W C C ICAL/ P R W W W C C ICAL/ R W W W C C ICAL/ R W W W C C ICAL/ R W W W C C C ICAL/ R W W W C C C ICAL/ R W W W W C C C ICAL/ R W W W W C C C ICAL/ R W W W W C C C ICAL/ R W W W W W C C ICAL/ R W W W W W C C ICAL/ R W W W W W C C ICAL/ R W W W W W W W W C C ICAL/ R W W W W W W W W W W W W W W W W W W	ICAL/ Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water / Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water / Mineral Water / Mineral Water / Drinking Water / Drinking Water/Carbonated Water/Non Carbonated Water / Drinking Water / Mineral Water / Mineral Water / Mineral Water / Drinking Water / Drinking Water / Drinking Water / Drinking Water/Carbonated Water/Non Carbonated Water / Drinking Water/Non Carbonated Water	ICAL/ R Packaged Drinking Water / Mineral Water /Drinking Water/Carbonated Water/Non Carbonated Water ICAL/ R Packaged Drinking Water / Mineral Water /Drinking Water/Carbonated Water/Non Carbonated Water ICAL/ Packaged Drinking Water / Mineral Water / Mineral Water / Drinking Water / Drinking Water / Drinking Water / Drinking Water/Carbonated Water/Non Carbonated Water ICAL/ Packaged Drinking Water / Drinking Water / Mineral Water / Mineral Water / Mineral Water / Mineral Water / Drinking	ICAL Packaged Drinking Water / Mineral Water / Drinking Water / Carbonated Water / Carbonated Water / Mineral Water / Drinking Water / Mineral Water / Drinking Water / Drinking Water / Drinking Water / Mineral Water / Wa







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 145 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	WATER	Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water		(Reaff.2019) APHA 23rd Edn. 2017- 3120 B	
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Boron as B	IS 3025 Part 2 - 2004 (Reaff.2019) APHA 23rd Edn. 2017- 3120 B	0.1– 10 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Cadmium as Cd	IS 3025 Part 2 -2004 (Reaff.2019) APHA 23rd Edn. 2017- 3120 B	0.001 mg/l – 100 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water /Drinking Water/Carbonated Water/Non Carbonated Water	Arsenic as As	IS 3025 Part 2 -2004 (Reaff.2019) APHA 23rd Edn. 2017- 3120 B	0.01 mg/l — 10 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Cyanide as CN	IS 3025 Part 27 –2021 (colorimetric method) APHA 23rd Edn. 2017- 4500 CN-C,E	0.01 mg/l — 5 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non	Lead as Pb	IS 3025 Part 2 – 2004 (Reaff.2019) APHA 23rd Edn. 2017- 3120 B	0.01 mg/l – 100 mg/l







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 146 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Carbonated Water	The second second	0 / /2/	
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water /Drinking Water/Carbonated Water/Non Carbonated Water	Chromium as Cr	IS 3025 Part 2 -2004 (Reaff.2019) APHA 23rd Edn. 2017- 3120 B	0.01 mg/l — 100 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Nickel as Ni	IS 3025 Part 2 -2004 (Reaff.2019) APHA 23rd Edn. 2017- 3120 B	0.01 mg/l — 100 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Total Hardness as CaCO ₃	IS 3025 Part 21 : 2009 (Reaff.2019) (EDTA titrimetric method) APHA 23rd Edn. 2017- 2340 C	1.0 mg/l - 10000 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Molybdenum (as Mo)	IS 3025 Part 2 -2004 (Reaff.2019) APHA 23rd Edn. 2017- 3120 B	0.01 mg/l – 10 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Ammonia (as total ammonia -N)	IS 3025 Part 34 – 1988(Reaff. 2019) (Nesslerization method) APHA 23rd Edn. 2017- 4500 NH ₃ B,C	0.01 mg/l – 20 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water /Drinking	Bromate (as BrO ₃)	ISO 15061:2001 (Reviewed in 2012) By Ion Chromatograph	0.001 mg/l - 1 mg/l







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 147 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Water/Carbonated Water/Non Carbonated Water	35	° [3]	
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Boron	IS 3025 part-65 2014 (Reaff.2019)	0.05 mg/l-10 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Aluminium	IS 3025 part-65 2014 (Reaff.2019)	0.005 mg/l-100 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Chromium	IS 3025 part-65 2014 (Reaff.2019)	0.02 mg/l-100 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Manganese	IS 3025 part-65 2014 (Reaff.2019)	0.02 mg/l-100 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water / Carbonated Water / Non Carbonated Water	Nickel	IS 3025 part-65 2014 (Reaff.2019)	0.005 mg/l-100 mg/l
1026.	CHEMICAL/	Packaged Drinking	Copper	IS 3025 part-65 2014	0.02 mg/l-100 mg/l







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 148 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
١	WATER	Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water		(Reaff.2019)	
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Zinc	IS 3025 part-65 2014 (Reaff.2019)	0.05 mg/l-100 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Arsenic	IS 3025 part-65 2014 (Reaff.2019)	0.005 mg/l-100 mg/l
١	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water / Carbonated Water / Non Carbonated Water	Selenium	IS 3025 part-65 2014 (Reaff.2019)	0.005 mg/l-100 mg/l
١	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water / Carbonated Water / Non Carbonated Water	Molybdenm	IS 3025 part-65 2014 (Reaff.2019)	0.02 mg/l-100 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non	Silver	IS 3025 part-65 2014 (Reaff.2019)	0.005 mg/l-100 mg/l







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 149 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Carbonated Water		0 1 /2 1	
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Cadmium	IS 3025 part-65 2014 (Reaff.2019)	0.001 mg/l-100 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Tin	IS 3025 part-65 2014 (Reaff.2019)	0.005 mg/l-100 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Antimony	IS 3025 part-65 2014 (Reaff.2019)	0.003 mg/l-100 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Barium	IS 3025 part-65 2014 (Reaff.2019)	0.05 mg/l-100 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Mercury	USEPA 200.8	0.0005 mg/l-100 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water /Drinking	Lead	IS 3025 part-65 2014 (Reaff.2019)	0.005 mg/l-100 mg/l







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 150 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Water/Carbonated Water/Non Carbonated Water	5	(] []	
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water /Drinking Water/Carbonated Water/Non Carbonated Water	Cobalt	IS 3025 part-65 2014 (Reaff.2019)	0.01 mg/l-100 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Vanadium	IS 3025 part-65 2014 (Reaff.2019)	0.01 mg/l-100 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water /Drinking Water/Carbonated Water/Non Carbonated Water	Strontium	IS 3025 part-65 2014 (Reaff.2019)	0.01 mg/l-100 mg/l
	CHEMICAL/ WATER	Packaged Drinking Water / Mineral Water / Drinking Water/Carbonated Water/Non Carbonated Water	Uranium	IS 3025 part-65 2014 (Reaff.2019)	0.001 mg/l-0.50 mg/l
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER		Polychlorinated biphenyls		
1043.	CHEMICAL/ RESIDUES AND CONTAMINANT	Packaged Drinking Water	2-Chlorobiphenyl	APHA 23 rd Edn. 2017 6431	0.01 – 500 μg/l







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 151 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	S IN WATER	1 05/			
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	3,3'-Dichlorobiphenyl	APHA 23 rd Edn. 2017 6431	0.01 – 500 μg/l
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	2,4,5-Trichlorobiphenyl	APHA 23 rd Edn. 2017 6431	0.01 – 500 μg/l
l	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	2,2',4,4'- Tetrachlorobiphenyl	APHA 23 rd Edn. 2017 6431	0.01 – 500 μg/l
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	2',3',4,5',6- Pentachlorobiphenyl	APHA 23 rd Edn. 2017 6431	0.01 – 500 μg/l
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	2,2',3,3',6,6'- Hexachlorobiphenyl	APHA 23 rd Edn. 2017 6431	0.01 – 500 μg/l
l	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	2,2',3,4,5,5',6- Heptachlorobiphenyl	APHA 23 rd Edn. 2017 6431	0.01 – 500 μg/l
l	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	2,2',3,3',4,4',5,5'- Octachlorobiphenyl	APHA 23 rd Edn. 2017 6431	0.01 – 500 μg/l
l	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	2,2',3,3',4,4',5,5',6- Nonachlorobiphenyl	APHA 23 rd Edn. 2017 6431	0.01 – 500 μg/l
1052.	CHEMICAL/	Packaged Drinking	2,2',3,3',4,4',5,5',6,6'-	APHA 23 rd Edn. 2017	0.01 – 500 μg/l







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 152 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	RESIDUES AND CONTAMINANT S IN WATER	Water	Decachlorobiphenyl	6431	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Polynuclear Aromatic Hydrocarbons (PAH)	BRATI	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Anthracene	APHA 23 rd Edn. 2017 6440	0.01 – 500 μg/l
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Acenaphthylene	APHA 23 rd Edn. 2017 6440	0.01 – 500 μg/l
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Acenaphthene	APHA 23 rd Edn. 2017 6440	0.01 – 500 μg/l
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Benzo(α)pyrene	APHA 23 rd Edn. 2017 6440	0.0025 – 500 μg/l
1058.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Benzo(a)anthracene	APHA 23 rd Edn. 2017 6440	0.01 – 500 μg/l
1059.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Benzo(b)fluranthene	APHA 23 rd Edn. 2017 6440	0.01 – 500 μg/l
1060.	CHEMICAL/ RESIDUES AND CONTAMINANT	Packaged Drinking Water	Benzo(k)fluranthene	APHA 23 rd Edn. 2017 6440	0.01 – 500 μg/l







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 153 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	S IN WATER	1 05/		3 / 22 /	
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Benzo(g,h,i)perylene	APHA 23 rd Edn. 2017 6440	0.01 – 500 μg/l
1062. (CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Chrysene	APHA 23 rd Edn. 2017 6440	0.01 – 500 μg/l
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Dibenzo(a,h)anthracene	APHA 23 rd Edn. 2017 6440	0.01 – 500 μg/l
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Fluoanthene	APHA 23 rd Edn. 2017 6440	0.01 – 500 μg/l
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Fluorene	APHA 23 rd Edn. 2017 6440	0.01 – 500 μg/l
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Indeno(1,2,3-cd)pyrene	APHA 23 rd Edn. 2017 6440	0.01 – 500 μg/l
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Napthalene	APHA 23 rd Edn. 2017 6440	0.01 – 500 μg/l
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Phenanthrene	APHA 23 rd Edn. 2017 6440	0.01 – 500 μg/l
1069.	CHEMICAL/	Packaged Drinking			









Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

ISO/IEC 17025: 2017 **Accreditation Standard**

Certificate No. 154 of 306 TC-5589 (Integrated) Page No.

16.06.2022 to 15.06.2024 Validity Last Amended on 04.09.2022

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	RESIDUES AND CONTAMINANT S IN WATER	Water	55	° [3]	
I	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Pyrene	APHA 23 rd Edn. 2017 6440	0.01 – 500 μg/l
I	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	O,P-DDT	USEPA 508	0.01 – 500 μg/l
I	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	P,P-DDT	USEPA 508	0.01 – 500 μg/l
I	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	O,P-DDE	USEPA 508	0.01 – 500 µg/l
I	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	P,P-DDE	USEPA 508	0.01 – 500 μg/l
1075.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	O,P-DDD	USEPA 508	0.01 – 500 μg/l
1076.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	P,P-DDD	USEPA 508	0.01 – 500 μg/l
1077. (CHEMICAL/ RESIDUES AND CONTAMINANT	Packaged Drinking Water	Gamma HCH (Lindane)	USEPA 508	0.01 – 500 μg/l







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 155 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
Ç	S IN WATER	1 05/		0 / /2/	
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Alpha BHC (HCH)	USEPA 508	0.005 – 500 μg/l
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Beta –BHC (HCH)	USEPA 508	0.01 – 500 μg/l
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Delta – BHC (HCH)	USEPA 508	0.01 – 500 μg/l
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Alpha - Endosulfan	USEPA 508	0.01 – 500 μg/l
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Beta – Endosulfan	USEPA 508	0.01 – 500 μg/l
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Endosulfan sulphate	USEPA 508	0.01 – 500 μg/l
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Monocrotophos	USEPA 8141A	0.005 – 500 μg/l
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Ethion	USEPA 1657A	0.01 – 500 μg/l
1086.	CHEMICAL/	Packaged Drinking	Chlorpyrifos	USEPA 525.2	0.01 – 500 μg/l







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 156 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	RESIDUES AND CONTAMINANT S IN WATER	Water	5	(E) 31 \	
1087.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Phorate	USEPA 8141 A	0.01 – 500 μg/l
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Phorate sulphoxide	USEPA 8141 A	0.01 – 500 μg/l
1089.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Phorate sulphone	USEPA 8141A	0.01 – 500 μg/l
1090.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	2, 4-Dichlorophenoxy aceticacid	USEPA 515.1, 8321A	0.01 – 500 μg/l
1091.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Butachlor	USEPA 525.2, 8141A	0.01 – 500 μg/l
1092.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Isoproturon	USEPA 532	0.01 – 500 μg/l
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Alachlor	USEPA 525.2,507	0.01 – 500 μg/l
	CHEMICAL/ RESIDUES AND CONTAMINANT	Packaged Drinking Water	Atrazine	USEPA 525.2, 8141A	0.01 – 500 μg/l







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 157 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
9	S IN WATER	1 05/			
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Methyl parathion	USEPA 8141A	0.01 – 500 μg/l
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Methyl paraoxon	USEPA 8141A	0.01 – 500 μg/l
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Malathion	USEPA 8141A	0.01 – 500 μg/l
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Malaoxon	USEPA 8141A	0.01 – 500 μg/l
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Aldrin	USEPA 525.2	0.01 – 500 μg/l
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Dieldrin	USEPA 525.2	0.01 – 500 μg/l
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Anilofos	USEPA 525.2	0.01 – 500 μg/l
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Carbaryl	USEPA 525.2	0.01 – 500 μg/l
1103.	CHEMICAL/	Packaged Drinking	Carbofuran	USEPA 525.2	0.01 – 500 μg/l







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 158 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	RESIDUES AND CONTAMINANT S IN WATER	Water		° [3]	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Total Pesticide Residue	By Calculation	0.05 – 500 μg/l
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Volatile Organic Compounds	ALA NIC	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Bromoform	APHA 23 rd Edn. 2017 - 6232	0.01- 100 μg/l
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Chloroform	APHA 23 rd Edn. 2017 - 6232	0.01- 500 μg/l
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Dibromochloromethane	APHA 23 rd Edn. 2017 - 6232	0.01- 500 μg/l
1109.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN WATER	Packaged Drinking Water	Bromodichloromethane	APHA 23 rd Edn. 2017 - 6232	0.01- 500 μg/l
1110.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	DAIRY PRODUCTS AND ANALOGUES			
	CHEMICAL/	Milk & Milk	Aflatoxin – M1	AOAC 21st Edn 2000.08	0.1 μg/l to 50 μg/l







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 159 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	products		: 2019	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Cereals and Cereal produc-		STION LAS	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food grains (Cereals,Pulses,& millets) and its contaning food products, Ready to eat	Aflatoxin B1	AOAC 21th Edn 2019 Chapter (2005.08/49.2.18A/p.23) : 2019	0.4 μg/kg to 100 μg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food grains (Cereals,Pulses,& millets) and its contaning food products, Ready to eat	Aflatoxin B2	AOAC 21th Edn 2019 Chapter (2005.08/49.2.18A/p.23) : 2019	0.4 μg/kg to 100 μg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food grains (Cereals, Pulses, & millets) and its contaning food products, Ready to eat	Aflatoxin G1	AOAC 21th Edn 2019 Chapter (2005.08/49.2.18A/p.23) : 2019	0.4 µg/kg to 100 µg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL	Food grains (Cereals,Pulses,& millets) and its contaning food products, Ready to	Aflatoxin G2	AOAC 21th Edn 2019 Chapter (2005.08/49.2.18A/p.23) : 2019	0.4 µg/kg to 100 µg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 160 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	eat	. The .	0 / /2/ /	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food grains (Cereals,Pulses,& millets) and its contaning food products, Ready to eat	Total aflatoxins (sum of B1,B2, G1 & G2)	AOAC 21th Edn 2019 Chapter (2005.08/49.2.18A/p.23) : 2019	0.4 μg/kg to 100 μg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Wheat,rey ,Parley	Ochratoxin - A	CML/INS/SOP/62 (Issue No.1 & Issue Date:04.01: 2017	0.4 μg/Kg to 50 μg/Kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Wheat	DON (Deoxyvalenenol)	CML/INS/SOP/74 (Issue No.1 & Issue Date:10.09: 2018	200 μg/Kg to 5000 μg/Kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables products	• भारत •		
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Nuts (Groundnut kernal, Pistachio, Almond, Cashewnet, Walnut, Arecanut, Betalnut) & its	Aflatoxin B1	AOAC 21th Edn 2019 Chapter (2005.08/49.2.18A/p.23) : 2019	0.4 μg/kg to 100 μg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT	contaning food productes, Ready to eat	Aflatoxin B2	AOAC 21th Edn 2019 Chapter (2005.08/49.2.18A/p.23)	0.4 μg/kg to 100 μg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 161 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	S IN FOOD AND AGRICULTURAL PRODUCTS	35/8		: 2019	
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	FIRTO,	Aflatoxin G1	AOAC 21th Edn 2019 Chapter (2005.08/49.2.18A/p.23) : 2019	0.4 μg/kg to 100 μg/kg
1124. (CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	E S	Aflatoxin G2	AOAC 21th Edn 2019 Chapter (2005.08/49.2.18A/p.23) : 2019	0.4 µg/kg to 100 µg/kg
1125. (CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS		Total aflatoxins (sum of B1,B2, G1 & G2)	AOAC 21th Edn 2019 Chapter (2005.08/49.2.18A/p.23) : 2019	0.4 μg/kg to 100 μg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Salt, Spices, Condiments and related products			
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices ,Spices mix ,condiments & its contaning food productes, Ready to eat	Aflatoxin B1	AOAC 21th Edn 2019 Chapter (2005.08/49.2.18A/p.23) : 2019	0.4 μg/kg to 100 μg/kg
1128. (CHEMICAL/	Spices ,Spices mix	Aflatoxin B2	AOAC 21th Edn 2019	0.4 μg/kg to 100 μg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 162 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	condiments & its contaning food productes, Ready to eat		Chapter (2005.08/49.2.18A/p.23) : 2019	
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices ,Spices mix ,condiments & its contaning food productes, Ready to eat	Aflatoxin G1	AOAC 21th Edn 2019 Chapter (2005.08/49.2.18A/p.23) : 2019	0.4 μg/kg to 100 μg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices ,Spices mix ,condiments & its contaning food productes, Ready to eat	Aflatoxin G2	AOAC 21th Edn 2019 Chapter (2005.08/49.2.18A/p.23) : 2019	0.4 μg/kg to 100 μg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices ,Spices mix ,condiments & its contaning food productes, Ready to eat	Total aflatoxins (sum of B1,B2, G1 & G2)	AOAC 21th Edn 2019 Chapter (2005.08/49.2.18A/p.23) : 2019	0.4 μg/kg to 100 μg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables products			
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL	Oilseeds & its contaning food productes, Ready to eat	Aflatoxin B1	AOAC 21th Edn 2019 Chapter (2005.08/49.2.18A/p.23) : 2019	0.4 μg/kg to 100 μg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 163 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	/ 05 / 1			
1134.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds & its contaning food productes, Ready to eat	Aflatoxin B2	AOAC 21th Edn 2019 Chapter (2005.08/49.2.18A/p.23) : 2019	0.4 μg/kg to 100 μg/kg
1135.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds & its contaning food productes, Ready to eat	Aflatoxin G1	AOAC 21th Edn 2019 Chapter (2005.08/49.2.18A/p.23) : 2019	0.4 μg/kg to 100 μg/kg
1136.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds & its contaning food productes, Ready to eat	Aflatoxin G2	AOAC 21th Edn 2019 Chapter (2005.08/49.2.18A/p.23) : 2019	0.4 μg/kg to 100 μg/kg
1137.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds & its contaning food productes, Ready to eat	Total aflatoxins (sum of B1,B2, G1 & G2)	AOAC 21th Edn 2019 Chapter (2005.08/49.2.18A/p.23) : 2019	0.4 μg/kg to 100 μg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Cereals and cereal products			
1139.	CHEMICAL/ RESIDUES AND CONTAMINANT	Food grains , Cereals, Pulses, Millets and Its flours	Agaric acid	CML/INS/SOP/26	10 mg/kg to 100 mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 164 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	S IN FOOD AND AGRICULTURAL PRODUCTS	and products		(E) 31 \	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food grains , Cereals, Pulses, Millets and Its flours and products	Hydrocyanic acid	CML/INS/SOP/28	0.1 mg/kg to 1 mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food grains , Cereals, Pulses, Millets and Its flours and products	Hypericine	FSSAI Manual -Cereal & Cereal Products: 2016	1 mg/kg to 50 mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food grains , Cereals, Pulses, Millets and Its flours and products	Saffrole	CML/INS/SOP/30	1 mg/kg to 10 mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Beverges, (other than Dairy,Frutis and Vegetables based)-			
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Alcoholic beverages	Agaric acid	CML/INS/SOP/26	10 mg/kg to 100 mg/kg
1145.	CHEMICAL/	Alcoholic	Hydrocyanic acid	CML/INS/SOP/28	0.1 mg/kg to 1 mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 165 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	beverages			
1146.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Alcoholic beverages	Hypericine	FSSAI Manual -Cereal & Cereal Products: 2016	1 mg/kg to 50 mg/kg
1147.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Alcoholic beverages	Saffrole	CML/INS/SOP/30	1 mg/kg to 10 mg/kg
1148.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fish &Fish products-	• भारत •		
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fishery products includes Salted fish / dried salted fish	Saffrole	CML/INS/SOP/30	1 mg/kg to 100 mg/kg
1150.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL	Dairy products and analogues			







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 166 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	1 05/			
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	2,4-Dichlorophenoxy Acetic Acid	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
 	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Acephate	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
 	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Acetamiprid	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
 	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Azoxystrobin	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Benomyl	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT	Milk and Milk products	Bifenthrin	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 167 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	S IN FOOD AND AGRICULTURAL PRODUCTS	13/8		° [3]	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Bitertanol	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Buprofezin	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Carbaryl	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Carbendazim	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
1161.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Carbofuran	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
1162.	CHEMICAL/	Milk and Milk	3-Hydroxy carbofuran	CML/INS/SOP/12 (Issue	10μg/kg - 5mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 168 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	products		No.& Date:2&12.10.2021)	
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Chlorantraniliprole	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Chlorothalonil	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Chlorpyriphos	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
F C S F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Cypermethrin	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL	Milk and Milk products	Deltamethrin (Decamethrin)	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 169 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
F	PRODUCTS	/ 05/		0 / 22 /	
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Dichlorvos	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Difenoconazole	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
1170. (F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Dimethoate	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Dinotefuran	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
F S A	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Dithiocarbamates	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT	Milk and Milk products	Dithiocarbamates	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 170 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	S IN FOOD AND AGRICULTURAL PRODUCTS	13/8		(E) (3)	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Edifenphos	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Emamectin Benzoate	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Ethion	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
1177.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Ethofenprox (Etofenprox)	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
1178.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Fenpropathrin	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/	Milk and Milk	Fenvalerate	CML/INS/SOP/12 (Issue	10μg/kg - 5mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 171 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	products		No.& Date:2&12.10.2021)	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Fipronil	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Flubendiamide	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Flusilazole	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
1183.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Glufosinate Ammonium	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL	Milk and Milk products	Imidacloprid	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 172 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
F	PRODUCTS	/ 05 /		0 / 1/2/	
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Indoxacarb	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Kresoxim Methyl	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Methomyl	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Methyl Chlorophenoxy Acetic Acid (MCPA)	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Methamidophos	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT	Milk and Milk products	Metolachlor	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 173 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	S IN FOOD AND AGRICULTURAL PRODUCTS	13/8		° [3]	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Monocrotophos	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Oxydemeton-Methyl	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Paraquat dichloride (Determined as Paraquatcations)	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Penconazole	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
1195.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Phenthoate	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/	Milk and Milk	Phorate	CML/INS/SOP/12 (Issue	10µg/kg - 5mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 174 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	products		No.& Date:2&12.10.2021)	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Phorate sulphoxide	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Phorate sulphone	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Phorate oxon	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Pirimiphos-methyl	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL	Milk and Milk products	Propiconazole	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 175 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	/ 05 /	Carried Control	0 / 1/2/	
I	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Pyraclostrobin	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Tebuconazole	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
1204.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Thiacloprid	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
1205.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Thiamethoxam	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
 	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Thiophanate-Methyl	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
ļ	CHEMICAL/ RESIDUES AND CONTAMINANT	Milk and Milk products	Trichlorfon	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 176 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	S IN FOOD AND AGRICULTURAL PRODUCTS	1 3/8		(E) 31 \	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Triacontanol	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Milk and Milk products	Triadimefon	CML/INS/SOP/12 (Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fats, oils and fat emulsions-	• भारत •	37	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Acetamiprid	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg -10mg/kg
1212.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Alpha cypermethrin	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1213.	CHEMICAL/	Edible vegetable oil	Beta Cyfluthrin	CML/INS/SOP/18 (Issue	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 177 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	5/3		No.& Date:2&12.10.2021)	
1214.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Buprofezin	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1215.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Chlorantraniliprole	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Chlorpyriphos	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1217.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Clomazone	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1218.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL	Edible vegetable oil	Cypermethrin	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 178 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	/ 05/ 1	34	0 / 1/2/	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Diafenthiuron	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Dichlorvos	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Dinotefuran	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Dithiocarbamates	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Emamectin Benzoate	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT	Edible vegetable oil	Epoxyconazole	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 179 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	S IN FOOD AND AGRICULTURAL PRODUCTS	1 3/8		° [3]	
1225.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Fenpropathrin	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1226.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Fenvalerate	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1227.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Fipronil	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1228.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Flonicamid	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1229.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Fluazifop-p-butyl	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1230.	CHEMICAL/	Edible vegetable oil	Flubendiamide	CML/INS/SOP/18 (Issue	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 180 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	5 3		No.& Date:2&12.10.2021)	
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Fluvalinate	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Glufosinate Ammonium	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Imazethapyr	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F S F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Imidacloprid	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL	Edible vegetable oil	Indoxacarb	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 181 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	/ 05/		0 1/21	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Kresoxim Methyl	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Lambda cyhalothrin	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Mepiquat Chloride	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1239.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Methyl Parathion	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Methyl paroxon	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT	Edible vegetable oil	Metolachlor	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 182 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	S IN FOOD AND AGRICULTURAL PRODUCTS	1 3/8		(E) (3)	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Metribuzin	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Monocrotophos	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Novaluron	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Oxadiargyl	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1246.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Oxydemeton-Methyl	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/	Edible vegetable oil	Oxyfluorfen	CML/INS/SOP/18 (Issue	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 183 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	5/3		No.& Date:2&12.10.2021)	
1248.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Paraquat dichloride (Determined as Paraquatcations)	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1249.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Pendimethalin	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Phenthoate	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1251.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Phosalone	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1252.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL	Edible vegetable oil	Phorate	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 184 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	/ 05 / 1	1.	0 / 1/2/	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Phorate sulphoxide	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Phorate sulphone	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Phorate-oxon	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Picoxystrobin	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Profenofos	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT	Edible vegetable oil	Pyraclostrobin	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg









Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

ISO/IEC 17025: 2017 **Accreditation Standard**

Certificate No. TC-5589 (Integrated) 185 of 306 Page No.

16.06.2022 to 15.06.2024 Validity Last Amended on 04.09.2022

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
4	S IN FOOD AND AGRICULTURAL PRODUCTS	1 3/8	350	8 3	
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Pyridalyl	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Pyriproxyfen	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Quinalphos	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Quizalofop-P-tefuryl	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/	Edible vegetable oil Edible vegetable oil	Spinosad Tebuconazole	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021) CML/INS/SOP/18 (Issue	10μg/kg - 10mg/kg 10μg/kg - 10mg/kg









Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

ISO/IEC 17025: 2017 **Accreditation Standard**

Certificate No. TC-5589 (Integrated) 186 of 306 Page No.

16.06.2022 to 15.06.2024 Validity Last Amended on 04.09.2022

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
5	RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	5/3		No.& Date:2&12.10.2021)	
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Thiacloprid	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Thiamethoxam	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Trichlorfan	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Trifloxystrobin	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL	Edible vegetable oil	Triazophos	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 187 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
F	PRODUCTS	/ 05/ 1	100	0 / / / /	
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Fomesafen	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1271. (F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Imazamox	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1272. (F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Haloxyfop-methyl	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1273. (F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Bentazone	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Spinetoram a	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1275. (CHEMICAL/ RESIDUES AND CONTAMINANT	Edible vegetable oil	Sodium Para Nitro Phenolate	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 188 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	S IN FOOD AND AGRICULTURAL PRODUCTS	1 3/8		° [3]	
1276.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Sulfentrazone	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1277.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Edible vegetable oil	Sulfoxaflor	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1278.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Cereals and Cereal product-	• भारत •	37	
1279.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	2,4-Dichlorophenoxy Acetic Acid	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg -10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Acephate	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1281.	CHEMICAL/	Food Grains,	Acetamiprid	CML/INS/SOP/11 (Issue	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 189 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
S 4	RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.		No.& Date:2&12.10.2021)	
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Alachlor	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Anilophos	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Atrazine	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1285. C	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Azimsulfuron	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its	Azoxystrobin	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 190 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	flours and products.	The second second		
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Benfuracarb	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1288.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	benomyl	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1289.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Bensulfuron Methyl	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1290.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Bifenthrin	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Bitertanol	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT	Food Grains, Cereals, Pulses, Millets,Bran,Legum	Buprofezin	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 191 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
/ F	S IN FOOD AND AGRICULTURAL PRODUCTS	es, Roots, Tubers,and its flours and products.		(E) (3) \	
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Butachlor	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Captan	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Carbaryl	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1296. (CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Carbendazim	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1297. (CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products. Food Grains,	Carbofuran 3-Hydroxy carbofuran	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021) CML/INS/SOP/11 (Issue	10μg/kg - 10mg/kg 10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 192 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.		No.& Date:2&12.10.2021)	
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Carbosulfan	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Carfentrazone Ethyl	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Carpropamid	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1302. (F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Cartap Hydrochloride	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its	Chlorantraniliprole	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 193 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	flours and products.		3 / '>\ /	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Chlorimuron ethyl	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1305.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Chlorpyriphos	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1306.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Chlothianidin	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1307.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Chromafenozide	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Cinmethylene	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT	Food Grains, Cereals, Pulses, Millets,Bran,Legum	Clodinafop-propargyl	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 194 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
/ F	S IN FOOD AND AGRICULTURAL PRODUCTS	es, Roots, Tubers,and its flours and products.		° [3]	
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Clomazone	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Cyhalofop-butyl	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Cypermethrin	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1313.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Deltamethrin (Decamethrin)	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products. Food Grains,	Dichlorvos Diclofop	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021) CML/INS/SOP/11 (Issue	10μg/kg - 10mg/kg 10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 195 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.		No.& Date:2&12.10.2021)	
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Difenoconazole	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Dinotefuran	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Dithiocarbamates	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1319. (F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Diuron	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its	Edifenphos	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 196 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	flours and products.		0 / 1/2/	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Epoxyconazole	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1322.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Ethion	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1323.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Ethofenprox (Etofenprox)	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1324.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Ethoxysulfuron	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Fenobucarb (BPMC)	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
l	CHEMICAL/ RESIDUES AND CONTAMINANT	Food Grains, Cereals, Pulses, Millets,Bran,Legum	Fenoxaprop-p-ethyl	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 197 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	S IN FOOD AND AGRICULTURAL PRODUCTS	es, Roots, Tubers,and its flours and products.		° [3]	
I	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Fenpropathrin	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
I	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Fipronil	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
I	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Flonicamid	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1330.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Flubendiamide	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products. Food Grains,	Flufenacet Flusilazole	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021) CML/INS/SOP/11 (Issue	10μg/kg - 10mg/kg 10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 198 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.		No.& Date:2&12.10.2021)	
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Glyphosate	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Halosulfuron methyl	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Hexaconazole	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1336. (F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Iodosulfuron Methyl Sodium	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its	Imazethapyr	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 199 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
ļ	PRODUCTS	flours and products.	1.	0 / 1	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Imidacloprid	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1339.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Indoxacarb	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1340.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Iprobenfos (Kitazin)	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1341.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Iprodione	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Isoprothiolane	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
l	CHEMICAL/ RESIDUES AND CONTAMINANT	Food Grains, Cereals, Pulses, Millets,Bran,Legum	Isoproturon	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 200 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	S IN FOOD AND AGRICULTURAL PRODUCTS	es, Roots, Tubers,and its flours and products.		° [3]	
I	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Kasugamycin	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
I	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Kresoxim Methyl	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
I	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Lambda cyhalothrin	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
ļ	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Lufenuron	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products. Food Grains,	Malathion Mesosulfuron Methyl	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021) CML/INS/SOP/11 (Issue	10μg/kg - 10mg/kg 10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 201 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
5	RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.		No.& Date:2&12.10.2021)	
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Metalaxyl	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Methabenzthiazuron	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Methyl Chlorophenoxy Acetic Acid (MCPA)	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1353. (F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Methyl Parathion	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its	Methyl Paraoxon	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 202 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	flours and products.	The second second		
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Metribuzin	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1356.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Metsulfuron Methyl	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Monocrotophos	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1358.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Novaluron	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Oxadiargyl	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
ļ	CHEMICAL/ RESIDUES AND CONTAMINANT	Food Grains, Cereals, Pulses, Millets,Bran,Legum	Oxadiazon	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 203 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
/ F	S IN FOOD AND AGRICULTURAL PRODUCTS	es, Roots, Tubers,and its flours and products.		° [3]	
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Oxydemeton-Methyl	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Oxyfluorfen	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Paraquat dichloride	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1364. (CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Penconazole	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products. Food Grains,	Pencycuron Pendimethalin	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021) CML/INS/SOP/11 (Issue	10μg/kg - 10mg/kg 10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 204 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
5	RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.		No.& Date:2&12.10.2021)	
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Penoxuslum	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Phenthoate	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Phorate	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1370. G	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Phorate sulphoxide	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its	Phorate sulphone	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 205 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	flours and products.	The second second	0 / / / /	
I	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Phorate-oxon	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1373.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Picoxystrobin	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
I	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Pinoxaden	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1375.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Pretilachlor	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Pirimiphos-methyl	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
ļ	CHEMICAL/ RESIDUES AND CONTAMINANT	Food Grains, Cereals, Pulses, Millets,Bran,Legum	Propaquizafop	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 206 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
/ F	S IN FOOD AND AGRICULTURAL PRODUCTS	es, Roots, Tubers,and its flours and products.		° [3]	
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Propiconazole	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Propineb	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Pyraclostrobin	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Pyrazosulfuron ethyl	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products. Food Grains,	Pymetrozine Quinalphos	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021) CML/INS/SOP/11 (Issue	10μg/kg - 10mg/kg 10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 207 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
9	RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.		No.& Date:2&12.10.2021)	
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Quizalofop ethyl	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Spinosad	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Sulfosulfuron	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1387.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Tebuconazole	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its	Thiacloprid	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 208 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	flours and products.	11.	0 / 1/2/	
I	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Thifluzamide	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
1390.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Thiodicarb	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
1391.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Thiamethoxam	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
1392.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Thiometon	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
 	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Thiophanate-Methyl	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
ļ	CHEMICAL/ RESIDUES AND CONTAMINANT	Food Grains, Cereals, Pulses, Millets,Bran,Legum	Trichlorfon	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 209 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
/ F	S IN FOOD AND AGRICULTURAL PRODUCTS	es, Roots, Tubers,and its flours and products.		° [3]	
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Triadimefon	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Trifloxystrobin	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Triallate	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1398. (CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Triasulfuron	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products. Food Grains,	Triazophos Tricyclazole	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021) CML/INS/SOP/11 (Issue	10μg/kg - 10mg/kg 10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 210 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.		No.& Date:2&12.10.2021)	
1401.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Tridemorph	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
I	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Trifluralin	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
I	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Validamycin	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
 	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Tembotrione	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
I	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its	Propanil	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 211 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
F	PRODUCTS	flours and products.		3 / '>\ /	
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Thiocyclam Hydrogen Oxalate	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Flucetosulfuron	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Fluxapyroxad	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1409. (F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Food Grains, Cereals, Pulses, Millets,Bran,Legum es, Roots, Tubers,and its flours and products.	Sulfoxaflor	CML/INS/SOP/11 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F S F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds/Oil cakes-			
F	CHEMICAL/ RESIDUES AND CONTAMINANT	Oil seeds(Cotton seed , Soyabean seed, Ground nut	Acephate	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg -10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 212 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	S IN FOOD AND AGRICULTURAL PRODUCTS	seed, Sunflower seed, Mustard seed, Coconut, Nuts ,Sesame seed)			
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Alachlor	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	benomyl	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Beta Cyfluthrin	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Bifenthrin	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND	Oil seeds(Cotton seed , Soyabean	Carbaryl	CML/INS/SOP/18 (Issue No.&	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 213 of 306

Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)		Date:2&12.10.2021)	
CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Carbendazim	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Carbofuran	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	3-Hydroxycarbofuran	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Chlorfluazuron	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg 10µg/kg - 10mg/kg
	Group CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL S IN FOOD AND AGRICULTURAL	CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SEED, Sunflower seed, Mustard seed, Coconut, Nuts seed, Sunflower seed, Mustard seed, Coconut, Nuts seed, Sunflower seed, Mustard seed, Coconut, Nuts seed, Coconut,	Group Products tested or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINATOR SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINATOR SIN FOOD AND AGRICULTURAL PRODUCTS CHEMIC	Group







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 214 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	seed , Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)		No.& Date:2&12.10.2021)	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Chlormequat Chloride (CCC)	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Chlorpyriphos	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Chlothianidin	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Clomazone	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 215 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Cyantranilipole	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Cypermethrin	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Deltamethrin (Decamethrin)	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Dichlorvos	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed , Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Diflubenzuron	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 216 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Dithiocarbamates	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Diuron	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Edifenphos	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed , Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Emamectin Benzoate	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Ethion	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 217 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed , Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Fenoxaprop-p-ethyl	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed , Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Fenvalerate	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Flusilazole	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Fluoxyfop-p-butyl	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed , Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Fluchloralin	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 218 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Hexaconazole	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Imidacloprid	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Indoxacarb	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Iprodione	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Lamda Cyhalothirin	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 219 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Lufenuron	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed , Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Mepiquat Chloride	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Methomyl	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Metalaxyl	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed , Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Methamidophos	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 220 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Methyl Parathion	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed , Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Methyl paroxon	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Monocrotophos	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Myclobutanil	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed , Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Novaluron	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 221 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Oxadiargyl	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Paraquat dichloride (Determined as Paraquatcations)	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Penconazole	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Permethrin	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed , Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Phenthoate	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 222 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Phorate	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Propiconazole	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Pyriproxyfen	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Quizalofop ethyl	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed , Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Quizalofop-P-tefuryl	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 223 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Spiromesifen	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed , Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Thiacloprid	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Trichlorfon	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Thiamethoxam	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed , Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Sodium Para Nitro Phenolate	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 224 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Sulfoxaflor	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Fomesafen	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Imazamox	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Oil seeds(Cotton seed, Soyabean seed, Ground nut seed, Sunflower seed,Mustard seed,Coconut,Nuts ,Sesame seed)	Bitertanol	CML/INS/SOP/18 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	2,4-Dichlorophenoxy Acetic Acid	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg -10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 225 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Acephate	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Acetamiprid	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	benomyl	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Bitertanol	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Carbendazim	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND	Meat and Poultry & its products	Carbofuran	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 226 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	13/8	14.	8/3/	
1482.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Chlorantraniliprole	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
1483.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Chlorothalonil	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Chlorpyriphos	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Chlothianidin	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Cypermethrin	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND	Meat and Poultry & its products	Deltamethrin (Decamethrin)	CML/INS/SOP/75 (Issue No.&	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 227 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	35/3		Date:2&12.10.2021)	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Difenoconazole	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Dimethoate	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1490.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Dithiocarbamates	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
1491.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Edifenphos	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Ethion	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 228 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Ethofenprox (Etofenprox)	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Fenpropathrin	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Fenvalerate	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Fipronil	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Flusilazole	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1498.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND	Meat and Poultry & its products	Glyphosate	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 229 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	13/8	14.	6/3/	
1499.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Imidacloprid	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
1500.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Indoxacarb	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Kresoxim Methyl	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Methomyl	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1503.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Monocrotophos	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND	Meat and Poultry & its products	Oxydemeton-Methyl	CML/INS/SOP/75 (Issue No.&	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 230 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	35/3		Date:2&12.10.2021)	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Penconazole	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Phenthoate	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1507.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Phorate	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Phorate sulphoxide	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Phorate sulphone	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 231 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Phorate oxon	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Pirimiphos-methyl	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Profenofos	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Propiconazole	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Spinosad	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1515.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND	Meat and Poultry & its products	Tebuconazole	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 232 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	13/3	14.	6/3//	
1516. (CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Thiacloprid	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
1517. (CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Thiodicarb	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Thiamethoxam	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
1519. (CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Trichlorfon	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Triadimefon	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND	Meat and Poultry & its products	2,4-Dichlorophenoxy Acetic Acid	CML/INS/SOP/75 (Issue No.&	10μg/kg -10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 233 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	3/3		Date:2&12.10.2021)	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Acephate	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Acetamiprid	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	benomyl	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Bitertanol	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Carbendazim	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 234 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Carbofuran	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Chlorantraniliprole	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Chlorothalonil	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Chlorpyriphos	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Chlothianidin	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND	Meat and Poultry & its products	Cypermethrin	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 235 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	13/0	15.	%/3//	
1533.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Deltamethrin (Decamethrin)	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1534.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Difenoconazole	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1535.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Dimethoate	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1536.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Dithiocarbamates	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1537.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Edifenphos	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1538.	CHEMICAL/ RESIDUES AND	Meat and Poultry & its products	Ethion	CML/INS/SOP/75 (Issue No.&	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 236 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	1 35/8		Date:2&12.10.2021)	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Ethofenprox (Etofenprox)	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Fenpropathrin	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Fenvalerate	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1542.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Fipronil	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Flusilazole	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 237 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Glyphosate	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Imidacloprid	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Indoxacarb	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Kresoxim Methyl	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Methomyl	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1549.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND	Meat and Poultry & its products	Monocrotophos	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 238 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	13/3	14.	6/3//	
1550. (F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Oxydemeton-Methyl	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
1551. (CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Penconazole	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
1552. (F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Phenthoate	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Phorate	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Phorate sulphoxide	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND	Meat and Poultry & its products	Phorate sulphone	CML/INS/SOP/75 (Issue No.&	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 239 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	35/8		Date:2&12.10.2021)	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Phorate oxon	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Pirimiphos-methyl	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Profenofos	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1559.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Propiconazole	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1560.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Spinosad	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 240 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Tebuconazole	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Thiacloprid	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Thiodicarb	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Thiamethoxam	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and Poultry & its products	Trichlorfon	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND	Meat and Poultry & its products	Triadimefon	CML/INS/SOP/75 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 241 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	13/0	15.	%/3//	
1567.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Bifenthrin	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10μg/kg -10mg/kg
1568.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Bitertanol	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1569.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Carbendazim	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1570.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Carfentrazone Ethyl	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1571.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Chlorpyriphos	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1572.	CHEMICAL/ RESIDUES AND	Stimulant Foods (Tea, Green tea,	Chlothianidin	CML/INS/SOP/14 (Issue No.&	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 242 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	coffee,coffee bean Tea leaf)		Date:2&12.10.2021)	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Deltamethrin (Decamethrin)	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Dicofol	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Dithiocarbamates	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1576.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Emamectin Benzoate	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Epoxyconazole	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 243 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Ethephon	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Ethion	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Etoxazole	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Fenazaquin	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Fenpropathrin	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1583. C	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Fenpyroximate	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 244 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	13/3	3.1.	% \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
1584. (CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Flubendiamide	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
1585. (CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Fluvalinate	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
1586. (CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Glufosinate Ammonium	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Glyphosate	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Hexaconazole	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND	Stimulant Foods (Tea, Green tea,	Hexythiazox	CML/INS/SOP/14 (Issue No.&	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 245 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	coffee,coffee bean Tea leaf)		Date:2&12.10.2021)	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Lambda cyhalothrin	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Monocrotophos	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1592.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Oxyfluorfen	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Paraquat dichloride (Determined as Paraquatcations)	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Propargite	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 246 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Propiconazole	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Pyraclostrobin	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Quinalphos	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Spiromesifen	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Thiacloprid	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Thiamethoxam	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 247 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	1 3/0	34.	8/3/	
1601. (F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Triadimefon	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
1602. (F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	2,4-D Amine Salt	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
1603. (CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Stimulant Foods (Tea, Green tea, coffee,coffee bean Tea leaf)	Cyflumetofen	CML/INS/SOP/14 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
F S F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices, Condiments, Herbs and Related Products			
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Acetamiprid	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg -10mg/kg
	CHEMICAL/ RESIDUES AND	Spices & Condiments	Azoxystrobin	CML/INS/SOP/13 (Issue No.&	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 248 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	1 35 / 38 / S		Date:2&12.10.2021)	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Benfuracarb	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Buprofezin	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Captan	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1610.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Carbaryl	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Carbosulfan	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 249 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
 	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Chlorantraniliprole	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
 	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Chlorfenapyr	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
I S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Deltamethrin (Decamethrin)	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Diafenthiuron	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
1616.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Dicofol	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
I	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND	Spices & Condiments	Difenoconazole	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg









Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

ISO/IEC 17025: 2017 **Accreditation Standard**

Certificate No. TC-5589 (Integrated) 250 of 306 Page No.

16.06.2022 to 15.06.2024 Validity Last Amended on 04.09.2022

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	13/	Tit.	8/3/	
1618.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Dimethoate	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
1619.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Dithiocarbamates	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Epoxyconazole	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1621.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Fenazaquin	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Fenoxaprop-p-ethyl	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
1623.	CHEMICAL/ RESIDUES AND	Spices & Condiments	Fenpropathrin	CML/INS/SOP/13 (Issue No.&	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 251 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	1 3 / 3		Date:2&12.10.2021)	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Fenpyroximate	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Fipronil	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Flubendiamide	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1627.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Flusilazole	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Fosetyl-Al	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 252 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Hexaconazole	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Hexythiazox	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Imidacloprid	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Indoxacarb	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F S A	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Iprodione	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND	Spices & Condiments	Kresoxim Methyl	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 253 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	13/	THE STATE OF THE S	%/3//	
1635.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Lambda cyhalothrin	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1636.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Lufenuron	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1637.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Malathion	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1638.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Metalaxyl-M	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1639.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Methomyl	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1640.	CHEMICAL/ RESIDUES AND	Spices & Condiments	Methyl Parathion	CML/INS/SOP/13 (Issue No.&	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 254 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	1 35 / 38 / S		Date:2&12.10.2021)	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Methyl Paraoxon	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Milbemectin	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Monocrotophos	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Myclobutanil	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Novaluron	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 255 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Oxadiargyl	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Oxydemeton-Methyl	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Pendimethalin	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Phorate	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Phorate sulphoxide	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND	Spices & Condiments	Phorate sulphone	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 256 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	13/	12.	6/3/	
1652.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Phorate -oxon	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1653.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Picoxystrobin	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1654.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Propaquizafop	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1655.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Propargite	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1656.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Propineb	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1657.	CHEMICAL/ RESIDUES AND	Spices & Condiments	Pyraclostrobin	CML/INS/SOP/13 (Issue No.&	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 257 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	1 35/3°		Date:2&12.10.2021)	
1658.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Pyridalyl	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1659.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Pyriproxyfen	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1660.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Quinalphos	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1661.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Quizalofop ethyl	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1662.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Spinosad	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 258 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Spiromesifen	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Tebuconazole	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Thiacloprid	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Thiodicarb	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Thiamethoxam	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1668. (CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND	Spices & Condiments	Triadimefon	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 259 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	13/	Tit.	8/3/	
1669. (CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Trifloxystrobin	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1670. (CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Triazophos	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1671. (CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Tricyclazole	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Spinetoram	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1673.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Spirotetramat	CML/INS/SOP/13 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND	Spices & Condiments	Abamectin	CML/INS/SOP/13 (Issue No.&	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 260 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	3/3		Date:2&12.10.2021)	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fresh Eggs, Egg powder, Egg Liquid and its products		MATION L	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fresh Eggs, Egg powder, Egg Liquid and its products.	2,4-Dichlorophenoxy Acetic Acid	CML/INS/SOP/77(Issue No.& Date:2&12.10.2021)	10μg/kg -5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fresh Eggs, Egg powder, Egg Liquid and its products.	benomyl	CML/INS/SOP/77(Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
1678.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fresh Eggs, Egg powder, Egg Liquid and its products.	Carbendazim	CML/INS/SOP/77(Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
1679.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fresh Eggs, Egg powder, Egg Liquid and its products.	Edifenphos	CML/INS/SOP/77(Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 261 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fresh Eggs, Egg powder, Egg Liquid and its products.	Ethion	CML/INS/SOP/77(Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fresh Eggs, Egg powder, Egg Liquid and its products.	Monocrotophos	CML/INS/SOP/77(Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fresh Eggs, Egg powder, Egg Liquid and its products.	Phenthoate	CML/INS/SOP/77(Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fresh Eggs, Egg powder, Egg Liquid and its products.	Phorate	CML/INS/SOP/77(Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fresh Eggs, Egg powder, Egg Liquid and its products.	Phorate sulfoxide	CML/INS/SOP/77(Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND	Fresh Eggs, Egg powder, Egg Liquid and its products.	Phorate sulphon	CML/INS/SOP/77(Issue No.& Date:2&12.10.2021)	10µg/kg - 5mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 262 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	13/0	35	° / 3/	
1686.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fresh Eggs, Egg powder, Egg Liquid and its products.	Phorate oxon	CML/INS/SOP/77(Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
1687.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fresh Eggs, Egg powder, Egg Liquid and its products.	Pirimiphos-methyl	CML/INS/SOP/77(Issue No.& Date:2&12.10.2021)	10μg/kg - 5mg/kg
1688.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fish, Crustaceans, Cephalopods, Molluscs, and Echinoderms	Carbaryl	CML/INS/SOP/15 (Issue No.& Date:2&12.10.2021)	10μg/kg -10mg/kg
1689.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fish, Crustaceans, Cephalopods, Molluscs, and Echinoderms	Quinalphos	CML/INS/SOP/15 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Polychlorinated biphenyls (PCBs) and Polycyclic Aromatic Hydrocarbon (PAH) compounds			
1691.	CHEMICAL/ RESIDUES AND	Fish and Fishery products			







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 263 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	1 35 / S			
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fish, Crustaceans, Cephalopods, Molluscs, and Echinoderms	2,4,4-Trichlorobiphenyl (PCB 28)	CML/INS/SOP/076 Issue Date & No : 05.10.2021 & 02 2021	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fish, Crustaceans, Cephalopods, Molluscs, and Echinoderms	2,2,5,5- Tetrachlorobiphenyl (PCB 52)	CML/INS/SOP/076 Issue Date & No : 05.10.2021 & 02 2021	10µg/kg - 10mg/kg
1694.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fish, Crustaceans, Cephalopods, Molluscs, and Echinoderms	2,2,4,5,5- Pentachlorobiphenyl(PCB 101)	CML/INS/SOP/076 Issue Date & No : 05.10.2021 & 02 2021	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fish, Crustaceans, Cephalopods, Molluscs, and Echinoderms	2,2,3,4,4,5-Hexa chlorobiphenyl (PCB 138)	CML/INS/SOP/076 Issue Date & No : 05.10.2021 & 02 2021	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fish, Crustaceans, Cephalopods, Molluscs, and Echinoderms	2,2,4,4,5,5- Hexachlorobiphenyl(PCB 153)	CML/INS/SOP/076 Issue Date & No : 05.10.2021 & 02 2021	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 264 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fish, Crustaceans, Cephalopods, Molluscs, and Echinoderms	2,2,3,4,4,5,5- Heptachlorobiphenyl(PCB 180)	CML/INS/SOP/076 Issue Date & No : 05.10.2021 & 02 2021	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fish, Crustaceans, Cephalopods, Molluscs, and Echinoderms	Benzo(a)Pyrene	CML/INS/SOP/15 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	ANTIBIOTIC Residues	OKPN . INDIA . SE		
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Sea Foods(Shrimps,Pra wns and any other variety of Fish and Fish products)	Tetracycline	CML/INS/SOP/21 (Issue No.& Date:2&12.10.2021)	10 - 500 μg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Sea Foods(Shrimps,Pra wns and any other variety of Fish and Fish products)	Oxytetracycline		10 - 500 μg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND	Sea Foods(Shrimps,Pra wns and any other variety of Fish and	Trimethoprim	CML/INS/SOP/22 (Issue No.& Date:2&12.10.2021)	5- 500 μg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 265 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	Fish products)	35.	° / 3/	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Sea Foods(Shrimps,Pra wns and any other variety of Fish and Fish products)	Oxolinic acid	CML/INS/SOP/66 (Issue No.& Date:2&12.10.2021)	10- 500 μg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	E SOUND	Nitrofurans including	TAPOOR TO THE PARTY OF THE PART	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and meat products, Poultry,Egg and Sea Foods(Shrimps,Pra wns and any other variety of Fish and Fish products)	(i) Furaltadone	CML/INS/SOP/24 (Issue No.& Date:2&12.10.2021)	0.1- 100 μg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and meat products, Poultry,Egg and Sea Foods(Shrimps,Pra wns and any other variety of Fish and Fish products)	(ii) Furazolidone	CML/INS/SOP/24 (Issue No.& Date:2&12.10.2021)	0.1- 100 μg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND	Meat and meat products, Poultry,Egg and Sea	(iii) Nitrofurnatoin	CML/INS/SOP/24 (Issue No.& Date:2&12.10.2021)	0.1- 100 μg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 266 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	Foods(Shrimps,Pra wns and any other variety of Fish and Fish products)			
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and meat products, Poultry,Egg and Sea Foods(Shrimps,Pra wns and any other variety of Fish and Fish products)	(iv) Nitrofurazone	CML/INS/SOP/24 (Issue No.& Date:2&12.10.2021)	0.1- 100 μg/kg
1709.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and meat products, Poultry,Egg and Sea Foods(Shrimps,Pra wns and any other variety of Fish and Fish products)	Chloramphenicol	CML/INS/SOP/29 (Issue No.& Date:2&12.10.2021)	0.05- 100 μg/kg
1710.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and meat products, Poultry,Egg and Sea Foods(Shrimps,Pra wns and any other variety of Fish and Fish products)	Sulphamethoxazole	CML/INS/SOP/22 (Issue No.& Date:2&12.10.2021)	5- 500 μg/kg
1711.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and meat products, Poultry,Egg and Sea Foods(Shrimps,Pra wns and any other variety of Fish and	Dimetridazole	CML/INS/SOP/27(Issue No.& Date:2&12.10.2021)	0.5- 100 μg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 267 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Fish products)		3 / 2 /	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and meat products, Poultry,Egg and Sea Foods(Shrimps,Pra wns and any other variety of Fish and Fish products)	Metronidazole	CML/INS/SOP/27(Issue No.& Date:2&12.10.2021)	0.5- 100 μg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and meat products, Poultry,Egg and Sea Foods(Shrimps,Pra wns and any other variety of Fish and Fish products)	Ronidazole	CML/INS/SOP/27(Issue No.& Date:2&12.10.2021)	0.5- 100 μg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and meat products, Poultry,Egg and Sea Foods(Shrimps,Pra wns and any other variety of Fish and Fish products)	Ipronidazole	CML/INS/SOP/27(Issue No.& Date:2&12.10.2021)	0.5- 100 μg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Meat and meat products, Poultry,Egg and Sea Foods(Shrimps,Pra wns and any other variety of Fish and Fish products)	Crystal Violet	CML/INS/SOP/25 (Issue No.& Date:2&12.10.2021)	0.2- 100 μg/kg
1716.	CHEMICAL/	Meat and meat	Malachite Green	CML/INS/SOP/25 (Issue	0.2- 100 μg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 268 of 306

Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	products, Poultry,Egg and Sea Foods(Shrimps,Pra wns and any other variety of Fish and Fish products)		No.& Date:2&12.10.2021)	
CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	2,4-Dichlorophenoxy Acetic Acid	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg -10mg/kg
CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Acetamiprid	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Alpha naphthyl Acetic Acid	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg 10μg/kg - 10mg/kg
	Group RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCT	Group Products tested or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND CONTAMINANT SIN FOOD AND CONTAMINANT SIN FOOD AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/ RESIDUES AND CONTAMINANT SIN FOOD AND AGRICULTURAL PRODUCTS ACETICATE AC	Group Products tested Specific Test Performed/ Tests or type of Test Performed / Tests or type of Tests Performed and / or the techniques / equipment used No.& No.& Date: 2&12.10.2021) No.& Date: 2&12.10.2021)







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 269 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.		No.& Date:2&12.10.2021)	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Azoxystrobin	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	benomyl	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Beta Cyfluthrin	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 270 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Bifenthrin	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Bitertanol	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Buprofezin	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its	Captan	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 271 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	-	powder products.			
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Carbaryl	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Carbendazim	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Carbofuran	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs,	Chlorantraniliprole	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 272 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Grass and its powder products.	35	%/3//	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Chlorfenapyr	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Chlorfluazuron	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Chlormequat Chloride (CCC)	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera,	Chlorothalonil	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 273 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Sea weeds, Herbs, Grass and its powder products.		° [3]	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Chlorpropham	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Chlorpyriphos	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Cyazofamid	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes,	Cymoxanil	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 274 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.			
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Cypermethrin	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Deltamethrin (Decamethrin)	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Diafenthiuron	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots,	Dichlorvos	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 275 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1	AGRICULTURAL PRODUCTS	Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.			
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Dicofol	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Difenoconazole	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Dimethoate	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT	Fruits and Vegetables, Plants, Leaves, mushroom,	Dimethomorph	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 276 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	S IN FOOD AND AGRICULTURAL PRODUCTS	Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.			
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Dinocap	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Dithianon	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Dithiocarbamates	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
I I	CHEMICAL/ RESIDUES AND	Fruits and Vegetables, Plants,	Diuron	CML/INS/SOP/16 (Issue No.&	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 277 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.		Date:2&12.10.2021)	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Dodine	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Emamectin Benzoate	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products. Fruits and	Ethephon	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021) CML/INS/SOP/16 (Issue	10μg/kg - 10mg/kg 10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 278 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.		No.& Date:2&12.10.2021)	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Etoxazole	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Famoxadone	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Fenamidone	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 279 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Fenarimol	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Fenazaquin	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Fenoxaprop-p-ethyl	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its	Fenpropathrin	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 280 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		powder products.			
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Fenvalerate	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Fipronil	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Flubendiamide	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs,	Flusilazole	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg









Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

ISO/IEC 17025: 2017 **Accreditation Standard**

Certificate No. 281 of 306 TC-5589 (Integrated) Page No.

16.06.2022 to 15.06.2024 Validity Last Amended on 04.09.2022

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Grass and its powder products.	34.	S / S /	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Forchlorfenuron	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Fosetyl-Al	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Hexaconazole	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera,	Hexythiazox	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 282 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Sea weeds, Herbs, Grass and its powder products.		° [3]	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Hydrogen Cyanamide	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Imidacloprid	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Indoxacarb	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes,	Iprodione	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 283 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.			
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Kasugamycin	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Kresoxim Methyl	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Lambda cyhalothrin	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots,	Linuron	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 284 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1	AGRICULTURAL PRODUCTS	Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.			
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Lufenuron	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Malathion	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Mandipropamid	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT	Fruits and Vegetables, Plants, Leaves, mushroom,	Mepiquat Chloride	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 285 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
F	S IN FOOD AND AGRICULTURAL PRODUCTS	Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.			
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Metaflumizone	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Metalaxyl-M	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Methomyl	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1	CHEMICAL/ RESIDUES AND	Fruits and Vegetables, Plants,	Metribuzin	CML/INS/SOP/16 (Issue No.&	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 286 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
;	CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.		Date:2&12.10.2021)	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Monocrotophos	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Myclobutanil	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products. Fruits and	Novaluron Oxadiargyl	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021) CML/INS/SOP/16 (Issue	10μg/kg - 10mg/kg 10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 287 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.		No.& Date:2&12.10.2021)	
1791.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Oxyfluorfen	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
1792.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Paclobutrazol	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
1793.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Paraquat dichloride (Determined as Paraquatcations)	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 288 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Penconazole	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Pendimethalin	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Permethrin	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its	Phorate	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 289 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		powder products.		0 1/2/	
1798.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Phorate-oxon	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1799.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Phorate sulphone	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1800.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Phorate sulphoxide	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
1801.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs,	Phosalone	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg









Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

ISO/IEC 17025: 2017 **Accreditation Standard**

Certificate No. 290 of 306 TC-5589 (Integrated) Page No.

16.06.2022 to 15.06.2024 Validity Last Amended on 04.09.2022

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Grass and its powder products.	34.	° / 3/	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Picoxystrobin	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Prohexadione calcium	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Propaquizafop	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera,	Propargite	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 291 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Sea weeds, Herbs, Grass and its powder products.		° [3]	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Propineb	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Pyraclostrobin	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Pyridalyl	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes,	Pyriproxyfen	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 292 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	PRODUCTS	Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.			
1810.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Quinalphos	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1811.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Quizalofop ethyl	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1812.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Spinosad	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
1813.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots,	Spiromesifen	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 293 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.			
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Tebuconazole	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Thiacloprid	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Thiodicarb	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT	Fruits and Vegetables, Plants, Leaves, mushroom,	Thiamethoxam	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 294 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
F	S IN FOOD AND AGRICULTURAL PRODUCTS	Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.			
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Thiometon	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Thiophanate-Methyl	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
F S S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Tolfenpyrad	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1	CHEMICAL/ RESIDUES AND	Fruits and Vegetables, Plants,	Trichlorfon	CML/INS/SOP/16 (Issue No.&	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 295 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.		Date:2&12.10.2021)	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Triadimefon	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Trifloxystrobin	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS CHEMICAL/	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products. Fruits and	Tridemorph Fluopicolide	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021) CML/INS/SOP/16 (Issue	10μg/kg - 10mg/kg 10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 296 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.		No.& Date:2&12.10.2021)	
1826.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Fluopyram and its metabolites	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
1827.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Sodium Para Nitro Phenolate	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
1828.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Boscalid	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 297 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Spirotetramat	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Metrafenone	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Fluxapyroxad	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10µg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its	Tetraconazole	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 298 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		powder products.		0 / 1/2/	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Abamectin	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables, Plants, Leaves, mushroom, Fungi, Roots, Tubers, Legumes, Pulses, Aloe vera, Sea weeds, Herbs, Grass and its powder products.	Flupyradifurone	CML/INS/SOP/16 (Issue No.& Date:2&12.10.2021)	10μg/kg - 10mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Low fat matrices a) Fruits , vegetables,greens ,herbs and its products, &seeds) b) Table	Lead	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.05 – 10 mg/kg
1836.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	olives&dates c) Food grains, cereals, pulses, millets and its flours, based products. d)	Arsenic	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.05 – 10 mg/kg
1837.	CHEMICAL/ RESIDUES AND CONTAMINANT	Beverages e) Confectionary f) Coffee, tea,	Copper	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.1 – 50 mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 299 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
_	S IN FOOD AND AGRICULTURAL PRODUCTS	chicory, blend g) Sugar, jaggery & its products h) Honey		(E) [3] \	
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	i)Food additives , flavours & colors j) Yeast & vinegar k) edible salt	Tin	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.1 – 10 mg/kg
1839. C	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	E S	Cadmium	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.03 – 10 mg/kg
1840. C	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS		Mercury	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.1 – 10 mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS		Chromium	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.1 – 10 mg/kg
1842. C	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS		Nickel	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.1 – 10 mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 300 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	25 00 N	Antimony	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.1 – 10 mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	THE COREDIT	Selenium	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.1 – 10 mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS		Methyl Mercury as Hg	CML/INS/SOP/47 Issue Date & No : 05.01.2017 & 01	0.1 – 10 mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Medium Fat Matrices a) spices & conditments (whole, powder) & its products b) Bakery products	Lead	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.05 – 10 mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Medium Fat Matrices a) spices & conditments (whole, powder) & its products b) Bakery products	Arsenic	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.05 – 10 mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND	Medium Fat Matrices a) spices & conditments (whole, powder) &	Copper	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.1 – 50 mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 301 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	its products b) Bakery products	11.	8/3/	
1849.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Medium Fat Matrices a) spices & conditments (whole, powder) & its products b) Bakery products	Tin	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.1 – 10 mg/kg
1850.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Medium Fat Matrices a) spices & conditments (whole, powder) & its products b) Bakery products	Cadmium	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.03 – 10 mg/kg
1851.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Medium Fat Matrices a) spices & conditments (whole, powder) & its products b) Bakery products	Mercury	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.1 – 10 mg/kg
1852.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Medium Fat Matrices a) spices & conditments (whole, powder) & its products b) Bakery products	Antimony	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.1 – 10 mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Medium Fat Matrices a) spices & conditments (whole, powder) & its products b) Bakery products	Chromium	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.1 – 10 mg/kg
1854.	CHEMICAL/ RESIDUES AND	Medium Fat Matrices a) spices	Nickel	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter	0.1 – 10 mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 302 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	& conditments (whole, powder) & its products b) Bakery products		(2015.01)	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Medium Fat Matrices a) spices & conditments (whole, powder) & its products b) Bakery products	Selenium	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.1 – 10 mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Medium Fat Matrices a) spices & conditments (whole, powder) & its products b) Bakery products	Methyl Mercury as Hg	CML/INS/SOP/47 Issue Date & No : 05.01.2017 & 01	0.1 – 10 mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	High Fat Matrices a)Edible vegetable & animal oil & fat b) Milk & Milk products c) nutrition foods d)	Lead	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.05 – 10 mg/kg
1858.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Chocolates e) Cocoa & its products f) egg & its products g) Meat & Poultry meat and its products h)	Arsenic	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.05 – 10 mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Coconut and its products i) oil seeds & its products	Copper	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.1 – 50 mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 303 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	High Fat Matrices a)Edible vegetable & animal oil & fat b) Milk & Milk products c) nutrition foods d)	Tin	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.1 – 10 mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Chocolates e) Cocoa & its products f) egg & its products g) Meat & Poultry meat and its products h) Coconut and its products i) oil seeds & its products	Cadmium	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.03 – 10 mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS		Mercury	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.1 – 10 mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS		Chromium	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.1 – 10 mg/kg
F C S	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS		Nickel	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.1 – 10 mg/kg
1865. C	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND		Antimony	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.1 – 10 mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 304 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL	1 35/1	Ter.		
	PRODUCTSCHEMICAL/	/ / 8	Selenium	CML/INS/SOP/45: 2021	0.1 – 10 mg/kg
F	RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	A STATION	Seienium	AOAC 21th Edn Chapter (2015.01)	0.1 – 10 mg/kg
1867. G	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	E S	Methyl Mercury as Hg	CML/INS/SOP/47Issue Date & No : 05.01.2017 & 01	0.1 – 10 mg/kg
F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fish, Crustaceans, Molluscs, Cephalopods& its products	Lead	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.05 – 10 mg/kg
1869. (F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fish, Crustaceans, Molluscs, Cephalopods& its products	Arsenic	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.02 – 10 mg/kg
F C S F	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fish, Crustaceans, Molluscs, Cephalopods& its products	Copper	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.1 – 50 mg/kg
	CHEMICAL/ RESIDUES AND	Fish, Crustaceans, Molluscs,	Tin	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter	0.1 – 10 mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 305 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
;	CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Cephalopods& its products		(2015.01)	
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fish, Crustaceans, Molluscs, Cephalopods& its products	Cadmium	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.03 – 10 mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fish, Crustaceans, Molluscs, Cephalopods& its products	Mercury	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.1 – 10 mg/kg
1874.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fish, Crustaceans, Molluscs, Cephalopods& its products	Chromium	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.1 – 10 mg/kg
1875.	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fish, Crustaceans, Molluscs, Cephalopods& its products	Nickel	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.1 – 10 mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fish, Crustaceans, Molluscs, Cephalopods& its products	Antimony	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.1 – 10 mg/kg







Food Safety and Standards Authority of India

(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Chennai Mettex Lab Private Limited, Jothi Complex, No.83, MKN Road, Chennai,

Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5589 (Integrated) Page No. 306 of 306

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fish, Crustaceans, Molluscs, Cephalopods& its products	Selenium	CML/INS/SOP/45: 2021 AOAC 21th Edn Chapter (2015.01)	0.1 – 10 mg/kg
	CHEMICAL/ RESIDUES AND CONTAMINANT S IN FOOD AND AGRICULTURAL PRODUCTS	Fish, Crustaceans, Molluscs, Cephalopods& its products	Methyl Mercury as Hg	CML/INS/SOP/47 Issue Date & No : 05.01.2017 & 01	0.1 – 10 mg/kg