



Valid from 16 January 2023
to 15 January 2026
Issued on 23 June 2023

As an accredited laboratory, this laboratory is entitled to
use the following accreditation symbol.



ISO/ IEC 17025
TL 003- 01

Schedule of Accreditation

Accreditation Scheme for Testing Laboratories
Sri Lanka Accreditation Board for Conformity Assessment
Accreditation Number: TL 003-01

Chemical Laboratory
SGS Lanka (Pvt) Limited
No 141/7, Vauxhall Street
Colombo 02

Scope of Accreditation: Performing Chemical Testing of Food and Agricultural Products, Fertilizer, Water, Waste water and Pesticide Residues as per the Test Methods appearing in this schedule.

The laboratory is accredited for the tests appear from page 02 to 72;

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
1 Food and Agricultural Products				
1.1	Spices, Condiments and spice products	Arsenic	AOAC 2013.06	LOQ = 0.1 mg/kg
		Cadmium		LOQ = 0.1 mg/kg
		Mercury		LOQ = 0.1 mg/kg
		Lead		LOQ = 0.1 mg/kg
		Copper	AOAC 2011.14	0.7 – 500 mg/kg
		Iron		0.4 – 500 mg/kg
		Zinc		0.7 – 500 mg/kg
1.2	Fish, Prawns, Chicken, Sausages, Meat balls, Fish balls, Canned Fish, Dried Fish, Maldives Fish, Crabs, Cuttlefish and meat & meat products	Arsenic	AOAC 2013.06	LOQ = 0.1 mg/kg
		Cadmium		
		Mercury		
		Lead		
		Formaldehyde	AOAC 964.21:2012	LOQ = 0.1 mg/kg
1.3	Edible Fats and Oils (Coconut oil, virgin coconut oil, Olive oil, Palm oil, Palm olein, Palm Stearin, Palm Kernel Oil, Sunflower seed Oil)	Arsenic	AOAC 2013.06	LOQ = 0.1 mg/kg
		Cadmium		
		Mercury		
		Lead		
1.4	Edible Fats and Oils (Coconut oil, virgin coconut oil, Olive oil, Palm oil, Palm olein, Palm Stearin, Palm Kernel Oil, Sunflower seed Oil, Rice bran oil)	Copper	AOAC 2011.14	0.7 – 500 mg/kg
		Iron		0.4 – 500 mg/kg
		Zinc		0.7 – 500 mg/kg
1.5	Fruit Juice, Concentrates, cordial, nectars, ready to serve fruit drinks, carbonated beverages, non-carbonated beverages and soft drink powder mixes	Arsenic	AOAC 2013.06	LOQ = 0.1 mg/kg
		Cadmium		
		Mercury		
		Lead		
		Tin	EN 15765:2009	LOQ = 0.5 mg/kg

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1.6	Biscuit and Sugar Confectioneries	Arsenic	AOAC 2013.06	LOQ = 0.1 mg/kg
		Cadmium		
		Mercury		
		Lead		
		Tin	EN 15765:2009	LOQ = 0.5 mg/kg
1.7	Tomato sauce, Chilli sauce, soya sauce and all kind of sauces	Arsenic	AOAC 2013.06	LOQ = 0.1 mg/kg
		Cadmium		
		Mercury		
		Lead		
		Tin	EN 15765:2009	LOQ = 0.5 mg/kg
1.8	Animal feed and Feed additives	Arsenic	AOAC 2013.06	LOQ = 0.1 mg/kg
		Cadmium		
		Mercury		
		Lead		
		Moisture content	SLS 626 :1983	0.1 - 30 %
		Crude Fat		0.1%
		Crude Protein		0.05%
		Total ash		
		Acid Insoluble Ash		
		Crude Fiber		
1.9	Grain & Cereal Products, Fruit and Vegetable Products, Coconut Products	Dietary Fiber	Megazyme K-TDFR-100A/K-TDFR-200A 04/17	LOD = 1.0%

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1.10	Aqueous Coconut Products - Coconut Milk/Low fat Coconut milk/Skim Coconut milk	Total solids	SLS 1365 - I:Appendix B	0.1 -70 %
		Fat Content	SLS 1365-I:Appendix C	LOD = 0.1%
		Non-Fat Solids	SLS 1365-I: Appendix D	1 - 50 %
		Moisture content	SLS 1365-I: Appendix E	1 - 96 %
		pH at 27 ± 2 °C	SLS 1365-I: Appendix F	4.0 -8.0
1.11	Ice cream	Total solids	SLS 735-5:1988	LOD 0.1%
		Sucrose content	SLS 735-6:1989	LOD 1.0%
		Milk Solid Non-Fat	SLS 223:2017 Appendix D	1-30%
1.12	Coconut Cream/Coconut Paste	Total solids	SLS 1365-II: Appendix B	0.1 -70 %
		Fat Content	SLS 1365-II: Appendix C	LOD = 0.1%
		Non-Fat Solids	SLS 1365-II: Appendix D	1 - 50 %
		Moisture content	SLS 1365-II: Appendix E	1 - 96 %
		pH at 27 ± 2 °C	SLS 1365-II: Appendix F	4.0 -8.0
1.13	Coconut milk Powder	Moisture content	SLS 1309:2007 Appendix B	0.1 – 10%
		Fat per cent by mass (on dry basis)	SLS 1309:2007 Appendix D	LOD 0.1%
		Total Ash (on dry basis)	SLS 1309:2007 Appendix E	LOD 0.05%
		pH at 25 °C, of reconstitute milk	SLS 1309:2007 Appendix F	4.0-8.0
		Free Fatty Acid (as Lauric) of extracted oil	SLS 1309:2007 Appendix G	LOD 0.01%
		Protein	SLS 737-part 7 section -1 : 2017	LOD 0.1%
1.14	Coconut Flour	Moisture content	SLS 1628:2019 Appendix B	0.1-10%
		Total Ash (on dry basis)	SLS 1628:2019 Appendix C	LOD 0.05%
		Protein per cent by mass (on dry basis)	SLS 737-part 7 section -1 : 2017	LOD 0.1%
		Fat per cent by mass(on dry basis)	SLS 1309:2007 Appendix D	LOD 0.1%
		Free Fatty Acid (as Lauric) of extracted oil	SLS 1309:2007 Appendix G	LOD 0.01%
		Peroxide Value	SLS 313 Part 3: Section 07	LOD 0.02meq/kg

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1.15	Amino Acid profile (Animal Feed, sugar confectionary (Kithul treacle) Fat & Milk & milk products, Fish, meat, cereals.	4-Hydroxyproline	LCHE/TM/SOP/120	LOD 0.001 g/100g
		Alanine		
		Arginine		
		Aspartic acid (including Asparagine)		
		Cystine		
		Glutamic acid (including Glutamine)	LCHE/TM/SOP/120	LOD 0.001 g/100g
		Glycine		
		Histidine		
		Isoleucine		
1.16	Amino Acid profile (Animal Feed, sugar confectionary (Kithul treacle) Fat & Milk & milk products, Fish, meat, cereals.	Leucine	LCHE/TM/SOP/120	LOD 0.001 g/100g
		Lysine		
		Methionine		
		Phenylalanine		
		Proline		
		Serine		
		Threonine		
		Tyrosine		
		Valine		
1.17	All food commodities	Moisture	LCHE/TM/SOP/057/Rev:01	0.02 – 100%
		Ash	LCHE/TM/SOP/052/Rev:00	0.02 – 20%
		Protein	LCHE/TM/SOP/053/Rev:00	0.1 – 100%
		Fat	LCHE/TM/SOP/054/Rev:00	0.1 – 100%
		Energy	LCHE/TM/SOP/058/Rev:00	1.7 – 1500Kcal/100g
		Crude fiber	LCHE/TM/SOP/055/Rev:00	0.05 – 80%
		Carbohydrate	LCHE/TM/SOP/056/Rev:00	0 – 100%

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1.18	All food commodities	Maltose	LCHE/TM/SOP/097/Rev:02	LOD – 50 mg/kg
		Sucrose		
		Glucose		
		Fructose		
		Lactose		
1.19	All food commodities	Cholesterol	LCHE/TM/SOP/099/Rev:01	LOD – 10 mg/kg
1.20	Antibiotic Residues in milk, milk powder, honey, shrimp, meat fish, chicken, prawns' meal and eggs	Chloramphenicol	ELISA RIDASCREEN ART No R 1505	1 – 6.25 mg/kg
			Aqraquant chloramphenicol plus assay 10002175v12 03 march 2020	1 – 6.25 mg/kg
1.21	All food commodities	Gluten	ELISA RIDASCREEN Art No R 7001	LOQ 5mg/Kg
1.22	Processed Food and Common Food commodities except Butter and Fat Spreads, Dried Fish, Sea food and Pickles	Salt content	LCHE/TM/SOP/109	LOQ =0.15%
1.23	Tea (Black tea, green tea, flavored tea, Herbal tea)	Moisture	ISO 1573:1980	1 – 10 %
		Water Extract (On dry basis)	ISO 9768:1994	32 – 45 %
		Total Ash (On dry basis)	ISO 1575:1987	4 – 8 %
		Water soluble ash percentage of total ash (On dry basis)	ISO 1576:1988	55 – 65 %
		Water soluble Ash (On dry Basis)	ISO 1576:1988	2 – 4 %
		Alkalinity of water-soluble ash as KOH or as K ₂ O (On dry basis)	ISO 1578:1975	1 – 3 %
		Water insoluble ash (On dry basis)	ISO 1576: 1988	2 – 4 %

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1.24	Tea (Black tea, green tea, flavored tea, Herbal tea)	Acid insoluble Ash (On dry basis)	ISO 1577:1987	0.1 – 1 %
		Crude Fiber (On dry basis)	ISO 15598:1999	8 – 16 %
		Total Polyphenol	ISO 14502-1:2005	11 – 30 %
		Copper	LCHE/TM/SOP/009/2023 Based on AOAC 2013.06 and AOAC 2011.14)	0.7 – 1000 mg/kg
		Lead		LOQ- 0.7 mg/kg
		Cadmium		LOQ - 0.07 mg/kg
		Iron		0.4 – 1000 mg/kg
		Zinc		0.7 – 1000 mg/kg
		Nickel		0.5 – 1000 mg/kg
		Mercury		LOQ- 0.1 mg/kg
		Arsenic		LOQ- 0.05 mg/kg
1.25	Green tea, black tea and decaffeinated products (Applicable to teas and instant teas of above)	Caffeine	ISO 10727:2002	2 – 4 %
1.26	Tea (Rare Earth Elements)	Scandium	GB 5009.94-2012 (12)	MQL = 0.2 µg/L
		Yttrium		
		Lanthanum		
		Cerium		
		Praseodymium		
		Neodymium		
		Samarium		
		Europium		
		Gadolinium		
		Terbium		
		Dysprosium		
		Holmium		
		Erbium		
		Thulium		
		Ytterbium		
		Lutetium		

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1.27	Spices (Black & White Pepper, Cloves, Nutmeg, Mace, Curry powder Cardamom, Turmeric powder, Chille)	Moisture content	ASTA Method 2.0: 2011	5 – 18 %
		Volatile oil content (On dry basis)	ASTA Method 5.0: 2010	1 – 20 ml/100g
		Total Ash (On dry basis)	ISO 928:1997 (SLS 186-3: 2008)	1 – 9 %
		Acid Insoluble Ash (On dry basis)	ISO 930:1997 (SLS 186-4: 2008)	0.1 - 1%
		Crude fibre (On dry basis)	ASTA Method 7.0: 1997	1 – 40%
1.28	Black and White Pepper	Piperine content	ASTA Method 12.1: 2022	5 – 12 %
1.29	Spices	Nonvolatile ether extract	SLS 186 part 7:2008	0/5 – 20%
1.30	Cinnamon	Moisture content	ASTA Method 2.0: 2011	5 – 18 %
		Volatile oil content (On dry basis)	ASTA Method 16.0: 2013	0 – 5 ml/100g
		Total Ash (On dry basis)	ISO 928:1997 (SLS 186-3: 2008)	1 - 9 %
		Acid Insoluble Ash (On dry basis)	ISO 930:1997 (SLS 186-4: 2008)	0.1 – 1 %
		Crude fiber (On dry basis)	ASTA Method 7.0: 1997	1 – 50 %
		Sulphur dioxide	AOAC 990:28: 2012	10 - 500 mg/kg
		Coumarin Content	LCHE/TM/SOP/072 Rev:00	1ppm-30,000ppm
1.31	Desiccated coconut	Moisture content	SLS 98: Appendix D:2021	0.1 – 3.5 %
		Oil content	LCHE/TM/SOP/054 rev 00	30 – 70 %
		Acidity, as Lauric acid	SLS 98: Appendix E:2021	0.01 – 1%
1.32	Fruit Juice and concentrates	Sulphur dioxide	AOAC 990.28 Monier Williams method. 19 th Edition, 2012	10 – 70 mg/kg
		Titrateable acidity	SLS 214: Appendix C: 2010	0.1 – 2 mg/kg
		Benzoic acid content	SLS 214:2010 Appendix-E	10 mg/kg
		Sorbic acid content	SLS 1332 -3 :2008 SLS 214:2010 Appendix-E ISO 22855:2008	10 mg/kg

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1.33	Tea & Spices, Rice/ Cereals	Aflatoxin B1	LCHE/TM/SOP/062 Rev:07	LOD - 0.4 µg/kg
		Aflatoxin G1		LOD - 0.4 µg/kg
		Aflatoxin B2		LOD - 0.1 µg/kg
		Aflatoxin G2		LOD – 0.1 µg/kg
1.34	Fish and Fishery Products (Maldive fish, Dry fish)	Histamine content	AOAC 977.13: 2012	0.1 – 100 mg/kg
1.35	Fish and Fishery Products, Fish, Prawns, Chicken, Sausages, Meat balls, Fish balls, Canned Fish, Dried Fish, Maldives Fish, Crabs, Cuttlefish	Sodium metabisulphite, as SO ₂	AOAC 990.28: 2012	10 - 2000 mg/kg
		Mercury	LCHE/TM/SOP/007 (Based on AOAC 2013.06)	LOQ=0.1 mg/kg
		Cadmium	LCHE/TM/SOP/011 AOAC 2013.06)	
		Lead		
		Arsenic		
1.36	Cereals / Corn flakes / Full Cream milk powder / Skimmed Milk Powder/Infant milk, Liquid milk	Lead	LCHE/TM/SOP/012:2023 (Based on AOAC 2013.06)	LOQ = 0.1 mg/kg
		Cadmium		LOQ = 0.1 mg/kg
		Mercury		LOQ = 0.1 mg/kg
		Aluminum		LOQ = 1.0 mg/kg
		Arsenic		LOQ = 0.1 mg/kg
1.37	Food grains product (Cereal, Rice and /Rice flour, wheat & Wheat flour, whole grain and grain flour	Arsenic	AOAC 2013.06	LOQ = 0.1 mg/kg
		Cadmium		
		Mercury		
		Lead		
1.38	Cereals / Corn flakes / Full Cream milk powder / Skimmed Milk Powder/ Infant milk, liquid milk	Copper	LCHE/TM/SOP/008 :2011	LOQ=0.7 mg/kg
		Manganese		LOQ=0.3 mg/kg
		Magnesium		LOQ=5.0 mg/kg
		Zinc		LOQ=0.7 mg/kg
		Calcium		LOQ=5.0 mg/kg
		Iron		LOQ=0.4 mg/kg
		Potassium		LOQ=5.0 mg/kg
		Sodium		LOQ=5.0 mg/kg
		Phosphorus		LOQ=5.0 mg/kg

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1.39	Dried Milk & Dried Milk Products	Milk Fat Content	SLS 735-1: Section 2: Annex B:2009 ISO 1736:2008	0.01 – 50.0%
1.40	Milk & Milk Products	Moisture content	SLS 735-3:1987	0.01 – 5.0%
		Milk protein in milk solids not - fat	SLS 731: Appendix E :2008 SLS 735:part.7	30 – 50%
		Titratable acidity, as lactic acid	SLS 735-2:1987	0.01-2.0%
1.41	Milk & milk products (Raw milk, Milk powder, Liquid coconut milk, Malted beverages, Beverage powder, coconut milk powder)	Melamine	ISO 15495:2010	LOQ 0.05 mg/kg
		Aflatoxin M1	ISO 14501:2021	LOQ 0.05µg/kg
1.42	Coconut milk powder/Coconut milk	Arsenic	AOAC 2013.06	0.1mg/kg
		Lead		0.1mg/kg
		Cadmium		0.1mg/kg
		Mercury		0.1mg/kg
		Copper	AOAC 2011.14	0.7 mg/kg
		Zinc		0.7 mg/kg
		Tin	EN 15765:2009	0.5 mg/kg
1.43	Condensed Milk	Arsenic	AOAC 2013.06	0.1mg/kg
		Cadmium		0.1mg/kg
		Lead		0.1mg/kg
		Tin	EN 15765:2009	0.5 mg/kg
1.44	Noodles	Arsenic	AOAC 2013.06	0.1mg/kg
		Lead		0.1mg/kg
		Cadmium		0.1mg/kg
1.45	Instant Noodles	Peroxide value of extracted oil	SLS 313 part 3-Section 7 3960:2017 ISO 1534:2016	0.02 meq O ₂ / kg
1.46	Coco powder	Coco Butter Content	SLS 148: APPENDIX C:2020	1 – 50 %
		Alkalinity of Ash	SLS 148: APPENDIX F:2020	1 – 20 %
		Crude Fibre	SLS 148: APPENDIX G:2020	0.1 – 15 %

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1.47	Edible Fats and Oils (Coconut oil, virgin coconut oil, olive oil, Palm oil, Palm olein, Palm Stearin, Palm Kernel Oil, Sunflower seed Oil and Extracted oil from all Food commodities (Except milk fat) (Fatty acid methyl ester)	Butyric acid	ISO 12966 – 1:2014 (E) & ISO 12966-2:2017 (E)	LOD 0.01 g/100 g
		Caproic acid		LOD 0.01 g/100 g
		Caprylic acid		LOD 0.01 g/100 g
		Capric acid		LOD 0.01 g/100 g
		Undecanoic acid		LOD 0.01 g/100 g
		Lauric acid		LOD 0.01 g/100 g
		Tridecanoic acid		LOD 0.01 g/100 g
		Myristic acid		LOD 0.01 g/100 g
		Myristoleic acid		LOD 0.01 g/100 g
		Pentadecanoic acid		LOD 0.01 g/100 g
		cis-10-pentadecanoic acid		LOD 0.01 g/100 g
		Palmitic acid		LOD 0.01 g/100 g
		Palmitoleic acid		LOD 0.01 g/100 g
		Heptadecanoic acid		LOD 0.01 g/100 g
		cis-10-heptadecanoic acid		LOD 0.01 g/100 g
		Stearic acid		LOD 0.01 g/100 g
		Elaidic acid		LOD 0.01 g/100 g
		Oleic acid		LOD 0.01 g/100 g
		Linolelaidic acid		LOD 0.01 g/100 g
		Linoleic acid		LOD 0.01 g/100 g
		Arachidic acid		LOD 0.01 g/100 g
		g-Linolenic acid		LOD 0.01 g/100 g
		cis-11-eicosenoic acid		LOD 0.01 g/100 g
		Linolenic acid		LOD 0.01 g/100 g
		Heneicosanoic acid		LOD 0.01 g/100 g
		cis-11-14-eicosatrienoic acid		LOD 0.01 g/100 g
		Behenic acid		LOD 0.01 g/100 g
		methyl cis-8,11,14-eicosatrienoate		LOD 0.01 g/100 g
		Erucic acid		LOD 0.01 g/100 g
		cis-11-14-17-eicosatrienoic acid		LOD 0.01 g/100 g
		Arachidonic acid		LOD 0.01 g/100 g
		Tricosanoic acid		LOD 0.01 g/100 g

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1.48	Edible Fats and Oils (Coconut oil, virgin coconut oil, olive oil, Palm oil, Palm olein, Palm Stearin, Palm Kernel Oil, Sunflower seed Oil and Extracted oil from all Food commodities (Except milk fat) (Fatty acid methyl ester))	cis-13,16-docosadienoic acid	ISO 12966 – 1:2014 (E) & ISO 12966-2:2017 (E)	LOD 0.01 g/100 g
		cis-5,8,11,17-eicosapentaenoic acid		LOD 0.01 g/100 g
		Nervonic acid		LOD 0.01 g/100 g
		cis-4,7,10,13,16,19-docosahexaenoic acid		LOD 0.01 g/100 g
		cis-13,16-docosadienoic acid		LOD 0.01 g/100 g
		Lignoceric acid		LOD 0.01 g/100 g
		Saturated fatty acids		LOD 0.01 g/100 g
		Mono unsaturated fatty acids		LOD 0.01 g/100 g
		Poly unsaturated fatty acids		LOD 0.01 g/100 g
		Trans fatty acids		LOD 0.01 g/100 g
1.49	Edible Fats and Oils (Coconut oil, Palm oil, Palm olein, Palm Stearin, Palm Kernel Oil, Sunflower seed Oil, Olive oil, Virgin coconut oil)	Lovibond colour: 133.4 mm (5 ¼ inch)	SLS 313-1: Section 4: 2009 (ISO 15305: 1998)	0.1 to 70 R, 0.1 to 70 Y, 0.1 to 40 B, 0.1 to 3.0 neutral (Lovibond units)
		Relative Density	SLS 313-1: Section 2: 2009	0.800 – 0.950 (t°C/t0°C in air)
		Insoluble impurities content	SLS 313-3: Section 4: 2017 (ISO 663: 2017)	0.01 – 1.00 %
		Moisture and volatile matter content	SLS 313-3: Section 5: 2017 (ISO 662:2016)	0.01 – 1.00 %
		Free fatty acids / Acidity / Acid value	SLS 313-2: Section 6: 2020 (ISO 660: 2020)	0.01 – 6.00 %
		Iodine Value	SLS 313-2: Section 2: 2018 (ISO 3961: 2018)	5 – 160
		Saponification value	SLS 313-2: Section 1: 2014 (ISO 3657: 2020)	160 to 270
1.50	Edible Fats and Oils (Coconut oil, virgin coconut oil, olive oil, Palm oil, Palm olein, Palm Stearin, Palm Kernel Oil, Sunflower seed Oil)	Unsaponifiable matter content	SLS 313-4: Section 3: 2010 (ISO 3596: 2000)	0.02 – 3 %
		Peroxide value	SLS 313-3: Section 7: 2009 (ISO 3960: 2017)	0.02 – 10 meq/kg
		Slip melting point	SLS 313-1: Section 7: Annex A: 2009 (ISO 6321: 2021)	10 – 100.0 °C
		Refractive Index	SLS 313 Part 1; Section 5	1.4450 - 1.4500
1.51	White Sugar Icing sugar, raw sugar, Refined sugar, Brown sugar	Polarization	SLS 191: Appendix B:2017	0-100°S
		Loss on drying	SLS 191: Appendix D:2017	0.01 – 5.0 %
		Colour	SLS 191: Appendix F:2017	10 – 500 ICUMSA units

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1.52	Soya Sauce	pH	SLS 1035: Appendix D: 1995	2 - 8
		Salt as Sodium Chloride	SLS 1035: Appendix E: 1995	1 - 20 %
1.53	Biscuit	Moisture	SLS 1313:2007 & Appendix B: 2010 SLS 251:	0.02 - 10%
		Acid Insoluble Ash	SLS 251: Appendix C: 2010	0.05 – 0.5%
		Acidity	SLS 251: Appendix D: 2010	0.05 - 2.0%
1.54	Dairy Fat Spread	Fat content	SLS 735-1: Section 8: 2011 ISO17189 :2003	10 - 80 %
		Salt content	SLS 735-11: 2011 ISO 1738; 2004	0.5 – 3%
		Free Fatty acid as Oleic acid	SLS 313-2: Section 6: 2009	0.05 - 1.0 %
1.55	Sugar Confectionary (Chewing gum, Bubble gum, Toffee, Lozenges, Hard Boiled Sugar, Gelatin based products, Pectin based products)	Moisture	SLS 586: Clause 3:1982 SLS 586: 1982	0.02 - 25%
		Sulphated Ash	SLS 586: Clause 4:1982	0.01 - 11.5%
		Acid Insoluble Ash	SLS 586: Clause 5:1982	0.01 - 2.0%
		Reducing Sugar	SLS 586: Clause 6:1982	1 - 50%
		Sucrose	SLS 586: Clause 7:1982	1 - 100%
		Fat	SLS 586: Clause 8:1982	0.1 - 10.0%
1.56	Edible Salt (Granular form)	Moisture	SLS 79: 2019	0.1-12.0%
		Sodium chloride as NaCl		90-100%
		Iodine content		10-50 mg/kg
		Matter insoluble in water on dry basis % by mass		0.01 - 2.0%
1.57	Food Grade Salt (Powdered form)	Moisture	SLS 80: 2019	0.01 - 10.0%
		Matter insoluble in water		0.01 – 2.0%
		Sodium Chloride as NaCl		90 - 100%
		Iodine content		10 - 50 mg/kg

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Water				
2.1	Drinking Water, Processing Water, Potable Water, Raw Water, RO Raw, Desalinated Water, Reverse Osmosis water, Swimming pool water, Well water, Bottle water	pH	APHA 4500-H ⁺ B: 2017 (23 rd Edition)	1.0 – 14.0
		Conductivity	APHA 2510B:2017	0.6-2000 µS/cm
		Chloride, as Cl	APHA 4500-Cl ⁻ B: 2017 (23 rd Edition)	1- 500 mg/L
		Hardness, as CaCO ₃ (EDTA)	APHA 2340 C: 2017 (23 rd Edition)	2 - 1000 mg/L
		Turbidity	APHA 2130 B: 2017 (23 rd Edition)	0.5 - 100 NTU
		Nitrate, as N	APHA 4500-NO ₃ ⁻ B: 2017 (23 rd Edition)	0.1 – 50.0 mg/L
		Free Ammonia, as N	APHA 4500-NH ₃ D: 2017 (23 rd Edition)	0.04 – 0.65 mg/L
		Fluoride, as F	APHA 4500-F ⁻ C: 2017 (23 rd Edition)	0.1-5.0 mg/L
		Alkalinity, as CaCO ₃	APHA 2320 B: 2017 (23 rd Edition)	2–1000 mg/L
		Nitrite, as N	APHA 4500-NO ₂ ⁻ B: 2017 (23 rd Edition)	0.01 – 10.0 mg/L
		Dissolved Oxygen	APHA 4500-O-H 2017 (23 rd Edition)	0.1 – 20.0 mg/L
		Residual chlorine, as Cl ₂	APHA 4500-Cl ₂ G: 2017 (23 rd Edition)	0.07 – 4.0 mg/L
		Oil & Grease	APHA 5520 B: 2017 (23 rd Edition)	1 –100 mg/L
		Total solids/ Dry Residues	APHA 2540 B: 2017 (23 rd Edition)	3 – 2000 mg/L
		Total Suspended Solids	APHA 2540 D: 2017 (23 rd Edition)	2 –500 mg/L
		Total Dissolved Solids	APHA 2540 C: 2017 (23 rd Edition)	3 – 2000 mg/L
		Sodium, as Na	APHA 3120 B: 2017 (23 rd Edition)	0.05 – 200 mg/L
		Potassium, as K	APHA 3120 B: 2017 (23 rd Edition)	0.05 - 100 mg/L
		Total Phosphorous, as P ₂ O ₅	APHA 4500-P D: 2017 (23 rd Edition)	0.16 – 229.14 mg/L
		Total Phosphorous as P	APHA 4500-P D: 2017 (23 rd Edition)	0.07 - 100 mg/L
		Total Phosphorous, as PO ₄ ³⁻	APHA 4500-P D: 2017 (23 rd Edition)	0.21 – 306.62 mg/L
		Dissolved Phosphate as P	APHA 4500-P D: 2017 (23 rd Edition)	0.07 – 100.0 mg/L

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
2.2	Drinking Water, Processing Water, Potable Water, Raw Water, RO Raw, Desalinated Water, Reverse Osmosis water, Swimming pool water, Well water, Bottle water	Nitrate, as NO ₃ -	APHA 4500-NO ₃ - B: 2017 (23 rd Edition)	0.44 – 221.33 mg/L
		Nitrite, as NO ₂ -	APHA 4500-NO ₂ - B: 2017 (23 rd Edition)	0.03 – 32.85 mg/L
		Ammonical nitrogen, as N	APHA 4500-NH ₃ C & D: 2017 (23 rd Edition)	5-200mg/L
		Iron, as Fe	APHA 3500-Fe B: 2017 (23 rd Edition)	0.1 – 50.0 mg/L
			APHA 3120-B:2017	
		Calcium, as Ca	APHA 3500-Ca B: 2017 (23 rd Edition)	4 - 1000 mg/L
			APHA 3120 B: 2017 (23 rd Edition)	0.05 - 200mg/L
		Boron, as B	APHA 3120 B:2017	0.01 – 50mg/L
		Manganese, as Mn	APHA 3120 B:2017	0.01 – 10mg/L
		Zinc, as Zn	APHA 3120 B:2017	0.01 – 10mg/L
		Silver as Ag	APHA 3120 B:2017	0.05 – 10mg/L
		Magnesium, as Mg	APHA 3120 B:2017	0.05 – 200mg/L
		Nickel, as Ni	APHA 3120 B: 2017	0.01 – 10 mg/L
		Barium, as Ba		0.05 - 10 mg/L
		Berillium as Be		0.01 – 10 mg/L
		Antimony as Sb		0.05 – 10 mg/L
		Cobalt as Co		0.01 – 10 mg/L
		Copper, as Cu	APHA 3120 B: 2017	0.01 - 10 mg/L
		Aluminium, as Al	APHA 3120 B: 2017	0.01 – 10 mg/L
		Vanadium, as V	APHA 3120 B: 2017	0.01-5 mg/L
		Chromium, as Cr	APHA 3120 B: 2017	0.01 – 10 mg/L
		Selenium, as Se	APHA 3120 B: 2017	
		Iron, as Fe	APHA 3120 B: 2017	
			APHA 3500-Fe:2017	
		Tin, as Sn	APHA 3113 B: 2017 (23 rd Edition)	0.05-5.0 mg/L
		Free carbon dioxide	APHA 4500-CO ₂ B:2017	0.1mg/l-2000mg/l
		Sulphate as SO ₄ ²⁻	APHA 4500- SO ₄ ²⁻ E: 2017 (23 rd Edition)	1.5 – 500 mg/L
		Silica as SiO ₂	APHA 4500-SiO ₂ C:2017 (23 rd Edition)	0.5 -100 mg/L
		Silicate as Si	APHA 4500-SiO ₂ C: 2017 (23 rd Edition)	0.25 - 50 mg/L

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
2.3	Drinking Water, Processing Water, Potable Water, Raw Water, RO Raw, Desalinated Water, Reverse Osmosis water, Swimming pool water, Well water, Bottle water	Permanganate Oxidizability	ISO 8467:1993	0.5 mg/L - 10 mg/L
		Mercury	LCHE/TM/SOP/40	0.001 – 0.05 mg/L
		Arsenic (as As)	APHA 3125 B: 2017	0.0008 mg/L – 0.05 mg/L
		Cadmium (as Cd)	APHA 3125 B: 2017	0.0007 mg/L – 0.05 mg/L
		Lead (as Pb)	APHA 3125 B: 2017	0.0009 mg/L – 0.05 mg/L
2.4	Waste Water	pH	APHA 4500-H ⁺ B: 2017 (23 rd Edition)	1 - 14
		Chemical Oxygen Demand [COD]	APHA 5220 D: 2017 (23 rd Edition)	15 - 2000 mg/L
		Turbidity	APHA 2130 B: 2017 (23 rd Edition)	0.5 - 800 NTU
		Conductivity	APHA 2510 B: 2017 (23 rd Edition)	0.6 – 2000 μ S/cm
		Oil & Grease	APHA 5520 B: 2017 (23 rd Edition)	1 –100 mg/L
		Colour-(Spectral absorption coefficient)	ISO 7887:Method B: 2011	0.1 - 99.9 m ⁻¹
		Total Phosphorous, as P	APHA 4500-P D: 2017 (23 rd Edition)	0.07 - 100 mg/L
		Total Phosphorous, as P ₂ O ₅	APHA 4500-P D: 2017 (23 rd Edition)	0.16 – 229.14 mg/L
		Total Phosphorous, as PO ₄ ³⁻	APHA 4500-P D: 2017 (23 rd Edition)	0.21 – 306.62 mg/L
		Dissolved Phosphorous, as P	APHA 4500-P D: 2017 (23 rd Edition)	0.07 - 100 mg/L
		Dissolved Phosphorous, as P ₂ O ₅	APHA 4500-P D: 2017 (23 rd Edition)	0.16 – 229.14 mg/L
		Dissolved Phosphorous, as PO ₄ ³⁻	APHA 4500-P D: 2017 (23 rd Edition)	0.21 – 306.62 mg/L
		Zinc, as Zn	APHA 3120 B:2017	0.01 – 10mg/L
		Silver, as Ag	APHA 3120 B:2017	0.05 – 10mg/L
		Manganese, as Mn	APHA 3120 B:2017	0.01 – 10mg/L
		Boron, as B	APHA 3120 B:2017	0.01 – 50mg/L
		Arsenic, as As	APHA 3125 B:2017	0.01 - 10 mg/L

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
2.5	Waste Water	Nickel, as Ni	APHA 3120 B: 2017	0.01 – 10 mg/L
		Barium, as Ba	APHA 3120 B: 2017	0.05 - 10 mg/L
		Lead, as Pb	APHA 3125 B:2017	0.01 – 10 mg/L
		Copper, as Cu	APHA 3120 B: 2017	0.01 - 100 mg/L
		Aluminium, as Al	APHA 3120 B: 2017	0.01 – 10 mg/L
		Chromium, as Cr	APHA 3120 B: 2017	0.01 - 10 mg/L
		Selenium, as Se	APHA 3120 B: 2017	0.01 - 10 mg/L
		Iron, as Fe	APHA 3120 B: 2017	0.01 - 10 mg/L
		Mercury (Hg)	LCHE/TM/SOP/40	0.001 – 0.05 mg/L
		Tin, as Sn	APHA 3113 B: 2017 (23 rd Edition)	0.05 - 5.0 mg/L
		Ammonical nitrogen, as N	APHA 4500-NH3 C: 2017 (23 rd Edition)	5 – 200 mg/L
		Ammonical nitrogen, as NH ₃	APHA 4500-NH3 C : 2017 (23 rd Edition)	6 -240 mg/L
		Dissolved Oxygen	APHA 4500-O-H 2017 (23 rd Edition)	0.1 – 20.0 mg/L
		Total Suspended Solids	APHA 2540 D: 2017 (23 rd Edition)	2 –500 mg/L
		Total Dissolved Solids	APHA 2540 C: 2017 (23 rd Edition)	3 – 2000 mg/L
		Kjeldhal nitrogen, as N	APHA 4500–Norg C: 2017 (23 rd Edition)	5 – 200 mg/L
		Total Solids/Dry residues	APHA 2540 B:2017	3 – 2000mg/L
		Kjeldhal nitrogen, as NH ₃	APHA 4500–Norg C: 2017 (23 rd Edition)	6.08 – 243.18 mg/L
		Biological Oxygen Demand (BOD)	APHA-5210 B: 2017 (23 rd Edition)	5 – 2000 mg/L
		Lead, as Pb	APHA 3120 B: 2017 (23 rd Edition)	0.01 - 10 mg/L
		Copper, as Cu		0.01 - 10 mg/L
		Cadmium, as Cd		0.03 - 10 mg/L
		Vanadium		0.01 - 10 mg/L

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
3. Fertilizer				
3.1	Ammonium Sulphate	Moisture	SLS 645: Part 2: Method 2: 1984	0.1 – 2.0%
		Ammoniacal Nitrogen, as N on dry basis	SLS 645: Part 1: Section B: 2009	18.0 – 22.0%
		Free Acidity, as H ₂ SO ₄	SLS 620: Appendix C: 2014	0.01 – 0.10%
		Sulphur as S	AOAC 980.02	22.7 – 24.5%
		Arsenic as As	AOAC 2006.03: 2012	0.04-100mg/kg
		Chromium as Cr	AOAC 2006.03: 2012	1-100mg/kg
		Lead as Pb	AOAC 2006.03: 2012	0.06-100mg/kg
		Mercury as Hg	LCHE/TM/SOP/101 rev 00	0.1-10mg/kg
		Cadmium as Cd	AOAC 2006.03: 2012	0.03-100mg/kg
3.2	Ammonium Phosphate	Moisture	SLS 645: Part 2: Method 2: 1984	0.01 - 1.6%
		Ammonical Nitrogen, as N	SLS 645: Part 1: Section B: 2009	10.0 – 20.0%
		Total phosphate, as P ₂ O ₅	SLS 645: Part 5: 1985	45.0 – 51.0%
		Water soluble phosphate, as P ₂ O ₅	SLS 645: Part 5: 1985	35.0 - 45.0%
3.3	Single super phosphate (Granular and Powder form)	Moisture	SLS 645: Part 2: Method 1: 1984	0.1% - 0.9% 1.0% - 5.0%
		Total phosphate as P ₂ O ₅	SLS 645: Part 5: 1985	16 - 19%
		Water soluble phosphate of total phosphate, as P ₂ O ₅	SLS 645: Part 5: 1985	75 – 85%
		Free phosphoric acid, as P ₂ O ₅	SLS 1318: Appendix B: 2007	1.0 – 5.0%
		Cadmium	AOAC 2006.03: 2012	0.1 - 1 %
3.4	Urea (Prilled and Granular) SLS 618:2014	Moisture	SLS 645: Part 2: Method 2: 1984	0.1 - 1.5%
		Total Nitrogen, as N (on dry basis)	SLS 645: Part 1: Section C: 2009	45.0 – 46.6%
		Biuret	SLS 645: Part 3: Method 2: 2009	0.7 – 1.2%
		Arsenic as As	AOAC 2006.03: 2012	0.04-100mg/kg
		Chromium as Cr	AOAC 2006.03: 2012	1-100mg/kg
		Lead as Pb	AOAC 2006.03: 2012	0.06-100mg/kg
		Mercury as Hg	LCHE/TM/SOP/101	0.1-10mg/kg
		Cadmium as Cd	AOAC 2006.03: 2012	0.03-100mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
3.5	Potassium Chloride MOP SLS 644:2014	Moisture	SLS 645: Part 2: Method 1: 1984	0.1% - 0.9% 1.0% - 5.0%
		Sodium, as NaCl	SLS 645: Part 7: Section 1: 1994	1 –5 %
		Water soluble potassium content as K ₂ O	AOAC 983.02 2012	59.5 - 63.5%
		Magnesium as MgCl ₂	AOAC 965.09 2012	0.1 - 2 %
		Arsenic as As	AOAC 2006.03: 2012	0.04-100mg/kg
		Chromium as Cr	AOAC 2006.03: 2012	1-100mg/kg
		Lead as Pb	AOAC 2006.03: 2012	0.06-100mg/kg
		Mercury as Hg	LCHE/TM/SOP/101	0.1-10mg/kg
		Cadmium	AOAC 2006.03: 2012	0.03-100mg/kg
3.6	TSP	Moisture	SLS 645: Part 2: Method 1: 1984 SLS 812:2014	0.5 - 5.0%
		Total Phosphate, as P ₂ O ₅	SLS 645: Part 5: 1985	45.5 – 47.5%
		Water soluble phosphate of total phosphorous, as P ₂ O ₅	SLS 645: Part 5: 1985	75- 85%
		Free phosphoric acid, as P ₂ O ₅	SLS 812:2014 Appendix C	1.0 – 5.0%
		Arsenic as As	AOAC 2006.03: 2012	2-100mg/kg
		Chromium as Cr	AOAC 2006.03: 2012	1-100mg/kg
		Lead as Pb	AOAC 2006.03: 2012	4-100mg/kg
		Mercury as Hg	LCHE/TM/SOP/101	0.1-10mg/kg
		Cadmium	AOAC 2006.03: 2012	1-100mg/kg
3.7	Mixed Fertilizer	Moisture	SLS 645: Part 2: Method 2: 1984	0.5 - 5.0%
		Total nitrogen, as N	SLS 645: Part 1: Section C: 2009	5.0 - 40%
		Total Phosphorous as P ₂ O ₅	SLS 645: Part 5:1985	5.0% - 50.0%
		Magnesium content as MgO	SLS 645: Part 6:1990	23.0 %– 29.0%
		Arsenic as As	AOAC 2006.03: 2012	2-100mg/kg
		Chromium as Cr	AOAC 2006.03: 2012	1-100mg/kg
		Lead as Pb	AOAC 2006.03: 2012	4-100mg/kg
		Mercury as Hg	LCHE/TM/SOP/101	0.1-10mg/kg
		Cadmium as Cd	AOAC 2006.03: 2012	1-100mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
3.8	Soil	Total Nitrogen	ISO 11261: 1995	1-50mg/g
		Extractable P	ISO 11263: 1994	2-100mg/kg
		Ex k	ISO 13536 :1995	10-100 cmol/kg
		Ex Mg	ISO 13536 :1995	10-100 cmol/kg
		Ex Na	ISO 13536: 1995	10-100 cmol/kg
		pH	ISO 10390: 2005	1.5-14
		EC	ISO 11265: 1994	50-2000µS/cm
		Cadmium	EPA 3051A:2007 (Environmental Protection Agency, USA)	0.5-0.99mg/kg 1.0-9.9 mg/kg 10-99mg/kg 100-500mg/kg
		Chromium		0.5-0.99mg/kg 1.0-9.9 mg/kg 10-99mg/kg 100-500mg/kg
		Copper		0.7-0.99mg/kg 1.0-9.9 mg/kg 10-99mg/kg 100-500mg/kg
		Lead		0.5-0.99mg/kg 1.0-9.9 mg/kg 10-99mg/kg 100-500mg/kg
		Molybdenum		0.5-0.99mg/kg 1.0-9.9 mg/kg 10-99mg/kg 100-500mg/kg
		Nickel		0.5-0.99mg/kg 1.0-9.9 mg/kg 10-99mg/kg 100-500mg/kg
		Vanadium		0.5-0.99mg/kg 1.0-9.9 mg/kg 10-99mg/kg 100-500mg/kg
		Zinc		0.7-0.99mg/kg 1.0-9.9 mg/kg 10-99mg/kg 100-500mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
3.9	Liquid organic and Inorganic fertilizer	Arsenic	LCHE/TM/SOP/123 Based on AOAC 2006.03	0.1- 0.99mg/kg 1-9.9 mg/kg 10 -100mg/kg
		Cadmium		0.1– 0.99mg/kg 1-9.9 mg/kg 10 -100mg/kg
		Lead		0.5 – 0.99mg/kg 1 – 9.9 mg/kg 10 – 99 mg/kg 100 – 500mg/kg
		Chromium		0.5 – 0.99 mg/kg 1 – 9.9 mg/kg 10 – 99 mg/kg 100 – 500 mg/kg
		Mercury	LCHE/TM/SOP/101	0.1– 0.99mg/kg 1-9.9 mg/kg 10 -50mg/kg
3.10	Compost and Solid organic fertilizer	Arsenic	LCHE/TM/SOP/123 Based on AOAC 2006.03	0.1 - 0.99mg/kg 1-9.9 mg/kg 10- 100mg/kg
		Cadmium		0.1 - 0.99mg/kg 1-9.9 mg/kg 10- 100mg/kg
		Lead		0.5 - 0.99mg/kg 1 - 9.9 mg/kg 10 - 99 mg/kg 100-500mg/kg
		Chromium		0.5 - 0.99mg/kg 1 - 9.9 mg/kg 10 - 99 mg/kg 100-500mg/kg
		Nickel		0.5 - 0.99mg/kg 1 - 9.9 mg/kg 10 - 99 mg/kg 100-500mg/kg
		Mercury	LCHE/TM/SOP/101	0.1 - 0.99mg/kg 1-9.9 mg/kg 10- 50mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
3.11	Compost made from municipal solid waste	Moisture content	SLS 645:Part 2: 1984	0.5-15.0% 15-50%
		pH	SLS 1526:2016, ISO 10390:2005	1.0- 13.0
		Conductivity, dSm-1	SLS 1634:2019 Appendix B	0.005-0.15 dS 0.16-1.5 dS 1.6 - 5.0 dS)
		Total Nitrogen content as N, percent by dry mass	SLS 645 -1:2009	0.5 - 5.0%
		Total Phosphorous content as P ₂ O ₅ , percent by dry mass	SLS 645 part 5:1985	0.2- 5.0
		Total Potassium content as K ₂ O, percent by dry mass	SLS 645 Part 4:1989	0.1 - 5.0 %
		Total Magnesium content as MgO, percent by dry mass	SLS 645 part 5:1985	0.1 - 5.0 %
		Total Calcium content as CaO, percent by dry mass	SLS 645 part 6 :1990	0.1 - 5.0 %
		Organic Carbon as C, percent by dry mass	SLS 1634:2019 Appendix C	5 - 20 %
		C:N Ratio	SLS 1634:2019 Appendix D	-
3.12	Compost made from raw materials from agriculture origin	Moisture content	SLS 645:Part 2: 1984	5- 15 % 15-50%
		pH	SLS 1526:2016, ISO 10390:2005	1.0- 13.0
		Conductivity, dSm-1	SLS 1634:2019 Appendix B	005-0.15 dS 16-1.5 dS 1.6 - 5.0 dS)
		Total Nitrogen content as N, percent by dry mass	SLS 645 -1:2009	0.5 - 5.0 %
		Total Phosphorous content as P ₂ O ₅ , percent by dry mass	SLS 645 part 5:1985	0.2- 5.0
		Total Potassium content as K ₂ O, percent by dry mass	SLS 645 Part 4:1989	0.1 - 5.0 %
		Total Magnesium content as MgO, percent by dry mass	SLS 645 part 5:1985	0.1 - 5.0 %
		Total Calcium content as CaO, percent by dry mass	SLS 645 part 6 :1990	0.1 - 5.0 %
		Organic Carbon as C, percent by dry mass	SLS 1635:2019 Appendix C	5 - 20 %
		C:N Ratio	SLS 1635:2019 Appendix D	N/A

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
3.13	Compost for organic Agriculture	Moisture content	SLS 645:Part 2: 1984 Method 1	0.5- 50 % 15-50%
		pH	SLS 1526:2016, ISO 10390:2005	1.0- 13.0
		Conductivity, dSm-1	SLS 1684:2020 Appendix B	0.005dS – 0.15dS 0.16-1.5 ds 1.6-5.0 ds
		Total Nitrogen content as N, percent by dry mass	SLS 645 -1:2009	0.5 - 5.0 %
		Total Phosphorous content as P ₂ O ₅ , percent by dry mass	SLS 645 part 5:1985	0.2- 5.0
		Total Potassium content as K ₂ O, percent by dry mass	SLS 645 Part 4:1989	0.1 - 5.0 %
		Total Magnesium content as MgO, percent by dry mass	SLS 645 part 5:1985	0.1 - 5.0 %
		Total Calcium content as CaO, percent by dry mass	SLS 645 part 6 :1990	0.1 - 5.0 %
		Organic Carbon as C, percent by dry mass	SLS 1684:2020Appendix F	5 - 20 %
		C:N Ratio	SLS 1684:2020Appendix G	N/A
3.14	Liquid Organic fertilizer	pH	SLS 1526:2016, ISO 10390:2005	1.0- 13.0
		Conductivity, dSm-1	ISO 11265:1994	0.005dS – 0.15dS 0.16 – 1.5 ds 1.6 – 5.0 ds
		Organic Carbon as C, percent by dry mass	SLS 1702:2021 Appendix F	5 - 20 %
		C:N Ratio	SLS 1702:2021 Appendix G	N/A
		Total Nitrogen content as N, percent by mass	SLS 645:Part 1	0.5 - 5.0 %
		Total Phosphorous content as P ₂ O ₅ , percent by mass	SLS 645:Part 5	0.2- 5.0
		Total Potassium content as K ₂ O, percent by mass	SLS 645:Part 4	0.1 - 5.0 %
		Total primary nutrients(N+P ₂ O ₅ +K ₂) percent by mass	SLS 645 P1, SLS 645 P4, SLS 645 P5	N/A

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
3.15	Compost for solid organic fertilizer	Moisture content	SLS 645:Part 2: 1984	0.5- 15 % 15-50%
		pH	SLS 1526:2016, ISO 10390:2005	1.0- 13.0
		Conductivity, dSm-1	SLS 1704:2021 Appendix B	0.005-0.15 dS 0.16-1.5 dS 1.6 - 5.0 dS)
		Total Nitrogen content as N, percent by dry mass	SLS 645 -1:2009	0.5 - 5.0 %
		Total Phosphorous content as P ₂ O ₅ , percent by dry mass	SLS 645 part 5:1985	0.2- 5.0
		Total Potassium content as K ₂ O, percent by dry mass	SLS 645 Part 4:1989	0.1 - 5.0 %
		Total Magnesium content as MgO, percent by dry mass	SLS 645 part 5:1985	0.1 - 5.0 %
		Total Calcium content as CaO, percent by dry mass	SLS 645 part 6 :1990	0.1 - 5.0 %
		Organic Carbon as C, percent by dry mass	SLS 1684:2020Appendix F	5 - 20 %

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
COSMETICS				
4.1	Shampoo	Arsenic	ISO/TR/17276: 2014	LOQ = 0.25 mg/kg
		Cadmium	ISO/TR/17276: 2014	LOQ = 0.25 mg/kg
		Mercury	ISO/TR/17276: 2014	LOQ = 0.25 mg/kg
		Lead	ISO/TR/17276: 2014	LOQ = 1.8 mg/kg
4.2	Hair Shampoo for babies	pH at 27± 2°C	SLS 1342: Appendix C:2018	3.0 – 13.0
		Inorganic salts	SLS 1342:Appendix D:2018	1 – 10 %
4.3	Perfumes (Alcohol based)	Ethanol content	SLS1619: Appendix E:2018	25-95%
4.4	Baby cologne	Ethanol content	SLS 589: Appendix D:2018	25-95%
4.5	After shave lotion	Ethanol content	SLS 1619: Appendix E:2018	25-95%
4.6	Hand sanitizers (Alcohol based)	Ethanol	SLS 1657:2020	10-95%
		Iso propanol		
4.7	Cosmetics (Skin Cream and Lotions, Skin Cream and Lotions for babies, Skin Powder for Babies, Skin Powder, Shampoo)	Lead	ISO/TR 17276:2014	0.15 - 1250 mg/kg
		Arsenic		0.1 - 1250 mg/kg
		Cadmium		0.1 - 1250 mg/kg
		Mercury		0.25 – 12.5 mg/kg
4.8	Laundry soap powders, Flakes & chips	Total fatty matter	ISO 685:2020	10 – 90 %
		Free caustic alkali (Calculated as NaOH)	ISO 456:1973	0.01 – 5 %
		Content of ethanol-insoluble matter (TYPE I)	ISO 673:1981	0.5– 4.0 %
		Chloride content, as NaCl	ISO 457:1983	0.5 – 3.0 %
		Moisture & volatile matter content (TYPE I)	ISO 672:1978	0.5 – 7 %
		Unsaponified and unsaponifiable matter	ISO 1067:1974	0.5 – 4 %
		pH at 27±2°C	SLS 38: Appendix B: 2009	3.0 – 13.0

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
4.9	Baby Soap	Total fatty matter	ISO 685:2020	10 – 90 %
		Freedom from rosin	SLS 547: Appendix B: 2009	N/A
		Content of ethanol-insoluble matter	ISO 673:1981	0.1 – 4.0 %
		Free caustic alkali as NaOH	ISO 456:1973	0.02 – 2%
		Total free alkali as NaOH	ISO 684:1974	0.02 – 5 %
		Chloride content, as NaCl	ISO 457:1983	0.5 – 2 %
4.10	Liquid toilet soap	Total fatty matter	ISO 685:2020	10 – 80 %
		pH at 27±2°C	SLS 1142: Appendix B: 2009	3.0 – 13.0
		Content of ethanol-insoluble matter	ISO 673:1981	0.1 – 4 %
		Total free alkali as NaOH	ISO 684:1974	0.02 – 5 %
4.11	Toilet Soap	Total fatty matter	SLS 34: Appendix C:2009	10 – 90 %
		Rosin acids content	SLS 34: Appendix B: Method 2: 2009	0.5 – 5 %
		Content of ethanol-insoluble matter	ISO 673:1981	0.5 – 4 %
		Free caustic alkali as NaOH	ISO 456:1973	0.02 – 5 %
		Total free alkali as NaOH	ISO 684:1974	0.02 – 5 %
		Chloride content, as NaCl	ISO 457:1983	0.5 – 3 %
4.12	Laundry Soap (Type I & II)	pH at 27±2°C	SLS 1342:2018: Appendix C	3.0 – 13.0
		Total Fatty Matter including rosin acid	ISO 685:2020	6.0-90%
		Matter insoluble ethanol	ISO 673:1981	0.2-28.0%
		Free caustic alkali as NaOH	ISO 456:1973	0.01-0.8%
		Total free alkali as NaOH	ISO 684:1974	0.02-2.4%
		Total unsaponified matter	ISO 1067:1974	0.1-4%
		Chloride content, as NaCl	ISO 457:1983	0.2-2.8%
4.13	Skin cream & lotions for babies	pH at 27±2°C	SLS 742 Appendix B:2021	3.0 – 13.0
		Non-volatile matter at 105°C	SLS 742 Appendix C:2021	1 - 90%
		Water content	SLS 742 Appendix D:2021	3 - 99%

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
4.14	Skin cream & lotions	pH at 27±2°C	SLS 743: Appendix B:2021	3.0 – 13.0
		Non-volatile matter at 105°C	SLS 743: Appendix C: 2021	5 – 50 %
		Water content	SLS 743: Appendix D: 2021	5 – 95 %
4.15	Skin powder for babies	Matter insoluble in boiling water	SLS 187: Appendix C: 2013	10 – 99 %
		Fineness a) Residue on 75-µm sieve, percent by mass, max. b) Residue on 150-µm sieve, percent by mass, max.	SLS 187: Appendix D: 2013	0.05– 5%
		Moisture & volatile matter	SLS 187: Appendix E: 2013	0.5 – 5 %
		pH of aqueous suspension	SLS 187: Appendix F: 2013	3.0 – 13.0
4.16	Skin Powder	Matter insoluble in boiling water	SLS 389: Appendix C: 2014	10 – 99 %
		Fineness a) Residue on 75-µm sieve, percent by mass, max. b) Residue on 150-µm sieve, percent by mass, max.	SLS 389: Appendix D: 2014	0.05– 5%
		Moisture & volatile matter	SLS 389: Appendix E: 2014	0.5 – 5 %
		pH of aqueous suspension	SLS 389: Appendix F: 2014	3.0 – 13.0
4.17	Sanitary Towels	Absorbency	SLS 1732: Appendix B: 2022	N/A
		pH value	SLS 86: 2006	3.0 – 13.0
		Ash content	SLS 1732: Appendix C:2022	0.1 – 10 %
		Water soluble extract	SLS 1732: Appendix D:2022	0.1 – 2 %
		Moisture content	SLS 1732: Appendix E: 2022	01 – 20 %
4.18	Shampoo	pH at 27± 2°C	SLS 1346: Appendix D:2018	3.0 – 13.0
		Inorganic salts	SLS 1346: Appendix E: 2018	2 – 10 %

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5 Pesticide Residues				
5.1	Fruits and Vegetables, Tea, Spices & Cereals Under following categories High water content commodities – (Leafy Vegetables , Mango, Papaya, Banana, Apple, Pears, Gerkin, Cucumber, Tomatoes, Watermelon, Peppers) High acid content and high water content – (Grapes, Pineapple, strawberry) High fat content and intermediate water content (Avocado, Coconut) High starch and high protein content and low water content and fat content – (Cereal, dhal, wheat flour) Difficult commodities- (Tea and spices)	1,2-Dibromo-3-Chloropropane	LCHE/TM/SOP/121	0.010 mg/kg
		2,3,5,6-Tetrachloroaniline	LCHE/TM/SOP/121	0.010 mg/kg
		2,4'-Methoxychlor	LCHE/TM/SOP/121	0.010 mg/kg
		3,4-Dichloroaniline	LCHE/TM/SOP/121	0.010 mg/kg
		4,4'-Methoxychlor olefins	LCHE/TM/SOP/121	0.010 mg/kg
		Acetochlor	LCHE/TM/SOP/121	0.010 mg/kg
		Acrinathrin	LCHE/TM/SOP/121	0.010 mg/kg
		Alachlor	LCHE/TM/SOP/121	0.010 mg/kg
		Aldrin	LCHE/TM/SOP/121	0.010 mg/kg
		Allidochlor	LCHE/TM/SOP/121	0.010 mg/kg
		Aminocarb	LCHE/TM/SOP/121	0.010 mg/kg
		Anthraquinone	LCHE/TM/SOP/121	0.010 mg/kg
		Aramite peak 1	LCHE/TM/SOP/121	0.010 mg/kg
		Aramite peak 2	LCHE/TM/SOP/121	0.010 mg/kg
		Atraton	LCHE/TM/SOP/121	0.010 mg/kg
		Atrazine	LCHE/TM/SOP/121	0.010 mg/kg
		Azinphos-ethyl	LCHE/TM/SOP/121	0.010 mg/kg
		Azinphos-methyl	LCHE/TM/SOP/121	0.010 mg/kg
		Bendiocarb	LCHE/TM/SOP/121	0.010 mg/kg
		Benfluralin	LCHE/TM/SOP/121	0.010 mg/kg
		BHC, Alpha	LCHE/TM/SOP/121	0.010 mg/kg
		BHC, Beta	LCHE/TM/SOP/121	0.010 mg/kg
		BHC, delta	LCHE/TM/SOP/121	0.010 mg/kg
		BHC, gamma	LCHE/TM/SOP/121	0.010 mg/kg
		Bifenthrin	LCHE/TM/SOP/121	0.010 mg/kg
		Bioresmethrin	LCHE/TM/SOP/121	0.010 mg/kg
		Bromacil	LCHE/TM/SOP/121	0.010 mg/kg

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5.1	Fruits and Vegetables, Tea, Spices & Cereals Under following categories High water content commodities – (Leafy Vegetables , Mango, Papaya, Banana, Apple, Pears, Gerkin, Cucumber, Tomatoes, Watermelon, Peppers) High acid content and high water content – (Grapes, Pineapple, strawberry) High fat content and intermediate water content (Avocado, Coconut) High starch and high protein content and low water content and fat content – (Cereal, dhal, wheat flour) Difficult commodities- (Tea and spices)	Bromfenvinphos	LCHE/TM/SOP/121	0.010 mg/kg
		Bromfenvinphos-methyl	LCHE/TM/SOP/121	0.010 mg/kg
		Bromocyclen	LCHE/TM/SOP/121	0.010 mg/kg
		Bromophos-ethyl	LCHE/TM/SOP/121	0.010 mg/kg
		Bromophos-methyl (Bromophos)	LCHE/TM/SOP/121	0.010 mg/kg
		Bromopropylate	LCHE/TM/SOP/121	0.010 mg/kg
		Bupirimate	LCHE/TM/SOP/121	0.010 mg/kg
		Butylate (Sutan)	LCHE/TM/SOP/121	0.010 mg/kg
		Cadusafos	LCHE/TM/SOP/121	0.010 mg/kg
		Captan	LCHE/TM/SOP/121	0.010 mg/kg
		Carbetamide	LCHE/TM/SOP/121	0.010 mg/kg
		Carbophenothion	LCHE/TM/SOP/121	0.010 mg/kg
		Carbosulfan	LCHE/TM/SOP/121	0.010 mg/kg
		Carfentrazon-ethyl	LCHE/TM/SOP/121	0.010 mg/kg
		Carvone	LCHE/TM/SOP/121	0.010 mg/kg
		Chlorbenside	LCHE/TM/SOP/121	0.010 mg/kg
		Chlorbufam	LCHE/TM/SOP/121	0.010 mg/kg
		Chlordane alpha-Cis	LCHE/TM/SOP/121	0.010 mg/kg
		Chlordane Gamma-trans	LCHE/TM/SOP/121	0.010 mg/kg
		Chlorfenapyr	LCHE/TM/SOP/121	0.010 mg/kg
		Chlorfenprop-methyl	LCHE/TM/SOP/121	0.010 mg/kg
		Chlorfenson	LCHE/TM/SOP/121	0.010 mg/kg
		Chlorfenvinphos	LCHE/TM/SOP/121	0.010 mg/kg
		Chlorobenzilate	LCHE/TM/SOP/121	0.010 mg/kg
		Chloroneb	LCHE/TM/SOP/121	0.010 mg/kg
		Chlorothalonil	LCHE/TM/SOP/121	0.010 mg/kg

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		Chlorpyrifos-ethyl	LCHE/TM/SOP/121	0.010 mg/kg
		Chlorpyrifos-methyl	LCHE/TM/SOP/121	0.010 mg/kg
		Chlorthal-dimethyl (Dacthal)	LCHE/TM/SOP/121	0.010 mg/kg
		Chlorthiamid	LCHE/TM/SOP/121	0.010 mg/kg
		Chlorthiophos	LCHE/TM/SOP/121	0.010 mg/kg
		Chlozolate	LCHE/TM/SOP/121	0.010 mg/kg
		Chlorate	LCHE/TM/SOP/119	0.003 mg/kg
		Clethodim	LCHE/TM/SOP/121	0.010 mg/kg
		Clofentezine	LCHE/TM/SOP/121	0.010 mg/kg
		Clomazone	LCHE/TM/SOP/121	0.010 mg/kg
		Coumaphos	LCHE/TM/SOP/121	0.010 mg/kg
		Crimidine	LCHE/TM/SOP/121	0.010 mg/kg
		Cycloate	LCHE/TM/SOP/121	0.010 mg/kg
		Cyfluthrin peak 1	LCHE/TM/SOP/121	0.010 mg/kg
		Cyfluthrin peak 2	LCHE/TM/SOP/121	0.010 mg/kg
		Cyfluthrin peak 3	LCHE/TM/SOP/121	0.010 mg/kg
		Cyfluthrin peak 4	LCHE/TM/SOP/121	0.010 mg/kg
		Cyhalothrin I (lambda)	LCHE/TM/SOP/121	0.010 mg/kg
		Cymoxanil	LCHE/TM/SOP/121	0.010 mg/kg
		Cypermethrin (Sum of isomers)	LCHE/TM/SOP/121	0.010 mg/kg
		Cypermethrin peak 2	LCHE/TM/SOP/121	0.010 mg/kg
		Cypermethrin peak 3	LCHE/TM/SOP/121	0.010 mg/kg
		Cypermethrin peak 4	LCHE/TM/SOP/121	0.010 mg/kg
		Cyprodinil	LCHE/TM/SOP/121	0.010 mg/kg
		Cyproflumuron	LCHE/TM/SOP/121	0.010 mg/kg
		Dazomet	LCHE/TM/SOP/121	0.010 mg/kg

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		DDD, o, p	LCHE/TM/SOP/121	0.010 mg/kg
		DDE o,p	LCHE/TM/SOP/121	0.010 mg/kg
		DDE p, p	LCHE/TM/SOP/121	0.010 mg/kg
		DDT o,p	LCHE/TM/SOP/121	0.010 mg/kg
		DDT p,p	LCHE/TM/SOP/121	0.010 mg/kg
		Deltamethrin	LCHE/TM/SOP/121	0.010 mg/kg
		Dialifos	LCHE/TM/SOP/121	0.010 mg/kg
		Diallate-cis	LCHE/TM/SOP/121	0.010 mg/kg
		Diallate-trans	LCHE/TM/SOP/121	0.010 mg/kg
		Diazinon	LCHE/TM/SOP/121	0.010 mg/kg
		Dichlobenil	LCHE/TM/SOP/121	0.010 mg/kg
		Dichlofenthion	LCHE/TM/SOP/121	0.010 mg/kg
		Dichlofluanid	LCHE/TM/SOP/121	0.010 mg/kg
		Dichlorobenzophenone, 4,	LCHE/TM/SOP/121	0.010 mg/kg
		Dichlorprop methyl ester	LCHE/TM/SOP/121	0.010 mg/kg
		Dicloran (Bortran)	LCHE/TM/SOP/121	0.010 mg/kg
		Dicofol	LCHE/TM/SOP/121	0.010 mg/kg
		Dicrotophos	LCHE/TM/SOP/121	0.010 mg/kg
		Dieldrin	LCHE/TM/SOP/121	0.010 mg/kg
		Diethatyl-ethyl	LCHE/TM/SOP/121	0.010 mg/kg
		Dimethachlor	LCHE/TM/SOP/121	0.010 mg/kg
		Dimethametryn	LCHE/TM/SOP/121	0.010 mg/kg
		Dimethipin	LCHE/TM/SOP/121	0.010 mg/kg
		Dimetilan	LCHE/TM/SOP/121	0.010 mg/kg
		Diniconazole	LCHE/TM/SOP/121	0.010 mg/kg
		Dinobuton	LCHE/TM/SOP/121	0.010 mg/kg
		Diofenolan peak 1	LCHE/TM/SOP/121	0.010 mg/kg

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		Diphenamid	LCHE/TM/SOP/121	0.010 mg/kg
		Diphenylamine	LCHE/TM/SOP/121	0.010 mg/kg
		Dipropetryn	LCHE/TM/SOP/121	0.010 mg/kg
		Disulfoton	LCHE/TM/SOP/121	0.010 mg/kg
		Ditalimfos	LCHE/TM/SOP/121	0.010 mg/kg
		DNOC	LCHE/TM/SOP/121	0.010 mg/kg
		Dodemorph peak 1	LCHE/TM/SOP/121	0.010 mg/kg
		Dodemorph peak 2	LCHE/TM/SOP/121	0.010 mg/kg
		Edifenphos	LCHE/TM/SOP/121	0.010 mg/kg
		Endosulfan ether	LCHE/TM/SOP/121	0.010 mg/kg
		Endosulfan peak 1	LCHE/TM/SOP/121	0.010 mg/kg
		Endosulfan peak 2	LCHE/TM/SOP/121	0.010 mg/kg
		Ethalfluralin	LCHE/TM/SOP/121	0.010 mg/kg
		Endosulfan sulfate	LCHE/TM/SOP/121	0.010 mg/kg
		Endrin	LCHE/TM/SOP/121	0.010 mg/kg
		Endrin aldehyde	LCHE/TM/SOP/121	0.010 mg/kg
		Endrin ketone	LCHE/TM/SOP/121	0.010 mg/kg
		EPN	LCHE/TM/SOP/121	0.010 mg/kg
		Esfenvalerate	LCHE/TM/SOP/121	0.010 mg/kg
		Etaconazole Peak 1	LCHE/TM/SOP/121	0.010 mg/kg
		Etaconazole Peak 2	LCHE/TM/SOP/121	0.010 mg/kg
		Ethiofencarb	LCHE/TM/SOP/121	0.010 mg/kg
		Ethion	LCHE/TM/SOP/121	0.010 mg/kg
		Etofenprox	LCHE/TM/SOP/121	0.010 mg/kg
		Etridiazole (Terrazole)	LCHE/TM/SOP/121	0.010 mg/kg
		Famphur	LCHE/TM/SOP/121	0.010 mg/kg
		Fenamidone	LCHE/TM/SOP/121	0.010 mg/kg

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		Fenchlorfos	LCHE/TM/SOP/121	0.010 mg/kg
		Fenfuram	LCHE/TM/SOP/121	0.010 mg/kg
		Fenitrothion	LCHE/TM/SOP/121	0.010 mg/kg
		Fenoxanil	LCHE/TM/SOP/121	0.010 mg/kg
		Fenoxycarb	LCHE/TM/SOP/121	0.010 mg/kg
		Fenpiclonil	LCHE/TM/SOP/121	0.010 mg/kg
		Fenpropathrin	LCHE/TM/SOP/121	0.010 mg/kg
		Fenson	LCHE/TM/SOP/121	0.010 mg/kg
		Fenthion	LCHE/TM/SOP/121	0.010 mg/kg
		Fenvalerate	LCHE/TM/SOP/121	0.010 mg/kg
		Fipronil	LCHE/TM/SOP/121	0.010 mg/kg
		Flamprop-isopropyl	LCHE/TM/SOP/121	0.010 mg/kg
		Fluazifop-P-butyl	LCHE/TM/SOP/121	0.010 mg/kg
		Fluchloralin	LCHE/TM/SOP/121	0.010 mg/kg
		Flucythrinate peak 1	LCHE/TM/SOP/121	0.010 mg/kg
		Flucythrinate peak 2	LCHE/TM/SOP/121	0.010 mg/kg
		Fludioxonil	LCHE/TM/SOP/121	0.010 mg/kg
		Flumetralin	LCHE/TM/SOP/121	0.010 mg/kg
		Fluorodifen	LCHE/TM/SOP/121	0.010 mg/kg
		Fluotrimazole	LCHE/TM/SOP/121	0.010 mg/kg
		Fluquinconazole	LCHE/TM/SOP/121	0.010 mg/kg
		Fluroxypyr	LCHE/TM/SOP/121	0.010 mg/kg
		Flusilazole	LCHE/TM/SOP/121	0.010 mg/kg
		Flutolanil	LCHE/TM/SOP/121	0.010 mg/kg
		Flutriafol	LCHE/TM/SOP/121	0.010 mg/kg
		Fluvalinate peak 1	LCHE/TM/SOP/121	0.010 mg/kg
		Fluvalinate peak 2	LCHE/TM/SOP/121	0.010 mg/kg

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		Fonofos	LCHE/TM/SOP/121	0.010 mg/kg
		Fuberidazol	LCHE/TM/SOP/121	0.010 mg/kg
		Heptachlor	LCHE/TM/SOP/121	0.010 mg/kg
		Heptachlor epoxide	LCHE/TM/SOP/121	0.010 mg/kg
		Hexachlorobenzene	LCHE/TM/SOP/121	0.010 mg/kg
		Hexazinone	LCHE/TM/SOP/121	0.010 mg/kg
		Iodofenfos	LCHE/TM/SOP/121	0.010 mg/kg
		Ipconazole	LCHE/TM/SOP/121	0.010 mg/kg
		Iprodione	LCHE/TM/SOP/121	0.010 mg/kg
		Isazophos	LCHE/TM/SOP/121	0.010 mg/kg
		Isocarbamid	LCHE/TM/SOP/121	0.010 mg/kg
		Isodrin	LCHE/TM/SOP/121	0.010 mg/kg
		Isofenphos	LCHE/TM/SOP/121	0.010 mg/kg
		Isoprocarb	LCHE/TM/SOP/121	0.010 mg/kg
		Isopropalin	LCHE/TM/SOP/121	0.010 mg/kg
		Lactofen	LCHE/TM/SOP/121	0.010 mg/kg
		Lenacil	LCHE/TM/SOP/121	0.010 mg/kg
		Leptophos	LCHE/TM/SOP/121	0.010 mg/kg
		Linuron	LCHE/TM/SOP/121	0.010 mg/kg
		Malathion	LCHE/TM/SOP/121	0.010 mg/kg
		Mefenacet	LCHE/TM/SOP/121	0.010 mg/kg
		Mefenoxam	LCHE/TM/SOP/121	0.010 mg/kg
		Metalaxyl	LCHE/TM/SOP/121	0.010 mg/kg
		Metazachlor	LCHE/TM/SOP/121	0.010 mg/kg
		Methacrifos	LCHE/TM/SOP/121	0.010 mg/kg
		Methidathion	LCHE/TM/SOP/121	0.010 mg/kg
		Methiocarb	LCHE/TM/SOP/121	0.010 mg/kg

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		Methoxychlor	LCHE/TM/SOP/121	0.010 mg/kg
		Metobromuron	LCHE/TM/SOP/121	0.010 mg/kg
		Metolachlor	LCHE/TM/SOP/121	0.010 mg/kg
		Mevinphos	LCHE/TM/SOP/121	0.010 mg/kg
		MGK-264 A	LCHE/TM/SOP/121	0.010 mg/kg
		MGK-264 B	LCHE/TM/SOP/121	0.010 mg/kg
		Mirex	LCHE/TM/SOP/121	0.010 mg/kg
		Molinate (Ordram)	LCHE/TM/SOP/121	0.010 mg/kg
		Myclobutanil	LCHE/TM/SOP/121	0.010 mg/kg
		N-(2,4-Dimethylphenyl)formamid	LCHE/TM/SOP/121	0.010 mg/kg
		Napropamide	LCHE/TM/SOP/121	0.010 mg/kg
		Nitralin	LCHE/TM/SOP/121	0.010 mg/kg
		Nitrofen	LCHE/TM/SOP/121	0.010 mg/kg
		Nitrothal-isopropyl	LCHE/TM/SOP/121	0.010 mg/kg
		Nonachlor-cis	LCHE/TM/SOP/121	0.010 mg/kg
		Nonachlor-trans	LCHE/TM/SOP/121	0.010 mg/kg
		Norflurazon	LCHE/TM/SOP/121	0.010 mg/kg
		Nuarimol	LCHE/TM/SOP/121	0.010 mg/kg
		Ofurace	LCHE/TM/SOP/121	0.010 mg/kg
		Ortho-phenylphenol	LCHE/TM/SOP/121	0.010 mg/kg
		Oxadiazon	LCHE/TM/SOP/121	0.010 mg/kg
		Oxadixyl	LCHE/TM/SOP/121	0.010 mg/kg
		Oxyfluorfen	LCHE/TM/SOP/121	0.010 mg/kg
		Paclobutrazol	LCHE/TM/SOP/121	0.010 mg/kg
		Parathion (ethyl)	LCHE/TM/SOP/121	0.010 mg/kg
		Parathion-methyl	LCHE/TM/SOP/121	0.010 mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.1	Fruits and Vegetables, Tea, Spices & Cereals Under following categories High water content commodities – (Leafy Vegetables , Mango, Papaya, Banana, Apple, Pears, Gerkin, Cucumber, Tomatoes, Watermelon, Peppers) High acid content and high water content – (Grapes, Pineapple, strawberry) High fat content and intermediate water content (Avocado, Coconut) High starch and high protein content and low water content and fat content – (Cereal, dhal, wheat flour) Difficult commodities- (Tea and spices)	Pebulate	LCHE/TM/SOP/121	0.010 mg/kg
		Penconazole	LCHE/TM/SOP/121	0.010 mg/kg
		Pendimethalin	LCHE/TM/SOP/121	0.010 mg/kg
		Pentachloroaniline	LCHE/TM/SOP/121	0.010 mg/kg
		Pentachloroanisole	LCHE/TM/SOP/121	0.010 mg/kg
		Pentachlorobenzene	LCHE/TM/SOP/121	0.010 mg/kg
		Pentachlorobenzonitrile	LCHE/TM/SOP/121	0.010 mg/kg
		Pentachlorophenol	LCHE/TM/SOP/121	0.010 mg/kg
		Pentachlorothioanisole	LCHE/TM/SOP/121	0.010 mg/kg
		Perchlorate	LCHE/TM/SOP/119	0.003 mg/kg
		Permethrin peak 1	LCHE/TM/SOP/121	0.010 mg/kg
		Permethrin peak 2	LCHE/TM/SOP/121	0.010 mg/kg
		Perthane (Ethylan)	LCHE/TM/SOP/121	0.010 mg/kg
		Phenmedipham	LCHE/TM/SOP/121	0.010 mg/kg
		Phenothrin	LCHE/TM/SOP/121	0.010 mg/kg
		Phorate	LCHE/TM/SOP/121	0.010 mg/kg
		Phosalone	LCHE/TM/SOP/121	0.010 mg/kg
		Phosfolan	LCHE/TM/SOP/121	0.010 mg/kg
		Phosmet	LCHE/TM/SOP/121	0.010 mg/kg
		Phthalimide	LCHE/TM/SOP/121	0.010 mg/kg
		Picoxystrobin	LCHE/TM/SOP/121	0.010 mg/kg
		Piperonyl butoxide	LCHE/TM/SOP/121	0.010 mg/kg
		Piperophos	LCHE/TM/SOP/121	0.010 mg/kg
		Pirimiphos-ethyl	LCHE/TM/SOP/121	0.010 mg/kg
		Pirimiphos-methyl	LCHE/TM/SOP/121	0.010 mg/kg
		Pretilachlor	LCHE/TM/SOP/121	0.010 mg/kg
		Procymidone	LCHE/TM/SOP/121	0.010 mg/kg
		Prodiamine	LCHE/TM/SOP/121	0.010 mg/kg

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		Profluralin	LCHE/TM/SOP/121	0.010 mg/kg
		Prometon	LCHE/TM/SOP/121	0.010 mg/kg
		Propachlor	LCHE/TM/SOP/121	0.010 mg/kg
		Propanil	LCHE/TM/SOP/121	0.010 mg/kg
		Propazine	LCHE/TM/SOP/121	0.010 mg/kg
		Propham	LCHE/TM/SOP/121	0.010 mg/kg
		Propisochlor	LCHE/TM/SOP/121	0.010 mg/kg
		Propyzamide	LCHE/TM/SOP/121	0.010 mg/kg
		Prothiofos	LCHE/TM/SOP/121	0.010 mg/kg
		Pyraclofos	LCHE/TM/SOP/121	0.010 mg/kg
		Pyrazophos	LCHE/TM/SOP/121	0.010 mg/kg
		Pyridaben	LCHE/TM/SOP/121	0.010 mg/kg
		Pyridaphenthion	LCHE/TM/SOP/121	0.010 mg/kg
		Pyrimethanil	LCHE/TM/SOP/121	0.010 mg/kg
		Pyriproxyfen	LCHE/TM/SOP/121	0.010 mg/kg
		Quinalphos	LCHE/TM/SOP/121	0.010 mg/kg
		Quinomethionate	LCHE/TM/SOP/121	0.010 mg/kg
		Quintozone	LCHE/TM/SOP/121	0.010 mg/kg
		Quizalofop-ethyl	LCHE/TM/SOP/121	0.010 mg/kg
		Resmethrin	LCHE/TM/SOP/121	0.010 mg/kg
		Sebuthylazin	LCHE/TM/SOP/121	0.010 mg/kg
		Secbumeton	LCHE/TM/SOP/121	0.010 mg/kg
		Silafluofen	LCHE/TM/SOP/121	0.010 mg/kg
		S-Metolachlor	LCHE/TM/SOP/121	0.010 mg/kg
		Spirodiclofen	LCHE/TM/SOP/121	0.010 mg/kg
		Sulfotep	LCHE/TM/SOP/121	0.010 mg/kg
		Sulprofos	LCHE/TM/SOP/121	0.010 mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.1	Fruits and Vegetables, Tea, Spices & Cereals Under following categories High water content commodities – (Leafy Vegetables , Mango, Papaya, Banana, Apple, Pears, Gerkin, Cucumber, Tomatoes, Watermelon, Peppers) High acid content and high water content – (Grapes, Pineapple, strawberry) High fat content and intermediate water content (Avocado, Coconut) High starch and high protein content and low water content and fat content – (Cereal, dhal, wheat flour) Difficult commodities- (Tea and spices)	Tebuconazole	LCHE/TM/SOP/121	0.010 mg/kg
		Tebufenpyrad	LCHE/TM/SOP/121	0.010 mg/kg
		Tebupirimfos	LCHE/TM/SOP/121	0.010 mg/kg
		Tebutam	LCHE/TM/SOP/121	0.010 mg/kg
		Tebuthiuron	LCHE/TM/SOP/121	0.010 mg/kg
		Tecnazene	LCHE/TM/SOP/121	0.010 mg/kg
		Tefluthrin	LCHE/TM/SOP/121	0.010 mg/kg
		Terbacil	LCHE/TM/SOP/121	0.010 mg/kg
		Terbufos	LCHE/TM/SOP/121	0.010 mg/kg
		Terbumeton	LCHE/TM/SOP/121	0.010 mg/kg
		Terbuthylazine	LCHE/TM/SOP/121	0.010 mg/kg
		Terbutryn	LCHE/TM/SOP/121	0.010 mg/kg
		Tetrachlorvinphos	LCHE/TM/SOP/121	0.010 mg/kg
		Tetraconazole	LCHE/TM/SOP/121	0.010 mg/kg
		Tetradifon	LCHE/TM/SOP/121	0.010 mg/kg
		Tetrahydrophthalimide (THPI)	LCHE/TM/SOP/121	0.010 mg/kg
		Tetramethrin peak 1	LCHE/TM/SOP/121	0.010 mg/kg
		Tetramethrin peak 2	LCHE/TM/SOP/121	0.010 mg/kg
		Theometon	LCHE/TM/SOP/121	0.010 mg/kg
		Tolclofos-methyl	LCHE/TM/SOP/121	0.010 mg/kg
		Tolylfluanid	LCHE/TM/SOP/121	0.010 mg/kg
		Transfluthrin	LCHE/TM/SOP/121	0.010 mg/kg
		Triadimefon	LCHE/TM/SOP/121	0.010 mg/kg
		Triadimenol	LCHE/TM/SOP/121	0.010 mg/kg
		Triallate	LCHE/TM/SOP/121	0.010 mg/kg
		Triazophos	LCHE/TM/SOP/121	0.010 mg/kg
		Trietazine	LCHE/TM/SOP/121	0.010 mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.1	Fruits and Vegetables, Tea, Spices & Cereals Under following categories High water content commodities – (Leafy Vegetables , Mango, Papaya, Banana, Apple, Pears, Gerkin, Cucumber, Tomatoes, Watermelon, Peppers) High acid content and high water content – (Grapes, Pineapple, strawberry) High fat content and intermediate water content (Avocado, Coconut) High starch and high protein content and low water content and fat content – (Cereal, dhal, wheat flour) Difficult commodities- (Tea and spices)	Triflumizole	LCHE/TM/SOP/121	0.010 mg/kg
		Trifluralin	LCHE/TM/SOP/121	0.010 mg/kg
		Triphenylphosphate	LCHE/TM/SOP/121	0.010 mg/kg
		Vernolate	LCHE/TM/SOP/121	0.010 mg/kg
		Vinclozolin	LCHE/TM/SOP/121	0.010 mg/kg
		XMC	LCHE/TM/SOP/121	0.010 mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.2	Water & Wastewater	1,2-Dibromo-3-Chloropropane	LCHE/TM/SOP108	0.010 µg/L
		2,3,5,6-Tetrachloroaniline	LCHE/TM/SOP108	0.010 µg/L
		2,4'-Methoxychlor	LCHE/TM/SOP108	0.010 µg/L
		3,4-Dichloroaniline	LCHE/TM/SOP108	0.010 µg/L
		4,4'-Methoxychlor olefins	LCHE/TM/SOP108	0.010 µg/L
		Acetochlor	LCHE/TM/SOP108	0.010 µg/L
		Acrinathrin	LCHE/TM/SOP108	0.010 µg/L
		Alachlor	LCHE/TM/SOP108	0.010 µg/L
		Aldrin	LCHE/TM/SOP108	0.010 µg/L
		Allidochlor	LCHE/TM/SOP108	0.010 µg/L
		Aminocarb	LCHE/TM/SOP108	0.010 µg/L
		Anthraquinone	LCHE/TM/SOP108	0.010 µg/L
		Aramite peak 1	LCHE/TM/SOP108	0.010 µg/L
		Aramite peak 2	LCHE/TM/SOP108	0.010 µg/L
		Atraton	LCHE/TM/SOP108	0.010 µg/L
		Atrazine	LCHE/TM/SOP108	0.010 µg/L
		Azinphos-ethyl	LCHE/TM/SOP108	0.010 µg/L
		Azinphos-methyl	LCHE/TM/SOP108	0.010 µg/L
		Bendiocarb	LCHE/TM/SOP108	0.010 µg/L
		Benfluralin	LCHE/TM/SOP108	0.010 µg/L

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.2	Water & Wastewater	BHC, Alpha	LCHE/TM/SOP108	0.010 µg/L
		BHC, Beta	LCHE/TM/SOP108	0.010 µg/L
		BHC, delta	LCHE/TM/SOP108	0.010 µg/L
		BHC, gamma	LCHE/TM/SOP108	0.010 µg/L
		Bifenthrin	LCHE/TM/SOP108	0.010 µg/L
		Bioresmethrin	LCHE/TM/SOP108	0.010 µg/L
		Bromacil	LCHE/TM/SOP108	0.010 µg/L
		Bromfenvinphos	LCHE/TM/SOP108	0.010 µg/L
		Bromfenvinphos-methyl	LCHE/TM/SOP108	0.010 µg/L
		Bromocyclen	LCHE/TM/SOP108	0.010 µg/L
		Bromophos-ethyl	LCHE/TM/SOP108	0.010 µg/L
		Bromophos-methyl (Bromophos)	LCHE/TM/SOP108	0.010 µg/L
		Bromopropylate	LCHE/TM/SOP108	0.010 µg/L
		Bupirimate	LCHE/TM/SOP108	0.010 µg/L
		Butylate (Sutan)	LCHE/TM/SOP108	0.010 µg/L
		Cadusafos	LCHE/TM/SOP108	0.010 µg/L
		Captan	LCHE/TM/SOP108	0.010 µg/L
		Carbetamide	LCHE/TM/SOP108	0.010 µg/L
		Carbophenothion	LCHE/TM/SOP108	0.010 µg/L
		Carbosulfan	LCHE/TM/SOP108	0.010 µg/L
		Carfentrazon-ethyl	LCHE/TM/SOP108	0.010 µg/L
		Carvone	LCHE/TM/SOP108	0.010 µg/L
		Chlorbenside	LCHE/TM/SOP108	0.010 µg/L
		Chlorbufam	LCHE/TM/SOP108	0.010 µg/L
		Chlordane alpha-Cis	LCHE/TM/SOP108	0.010 µg/L
		Chlordane Gamma-trans	LCHE/TM/SOP108	0.010 µg/L
		Chlorfenapyr	LCHE/TM/SOP108	0.010 µg/L
		Chlorfenprop-methyl	LCHE/TM/SOP108	0.010 µg/L

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5.2	Water & Wastewater	Chlorfenson	LCHE/TM/SOP108	0.010 µg/L
		Chlorfenvinphos	LCHE/TM/SOP108	0.010 µg/L
		Chlorobenzilate	LCHE/TM/SOP108	0.010 µg/L
		Chloroneb	LCHE/TM/SOP108	0.010 µg/L
		Chlorothalonil	LCHE/TM/SOP108	0.010 µg/L
		Chlorpropham	LCHE/TM/SOP108	0.010 µg/L
		Chlorpyrifos-ethyl	LCHE/TM/SOP108	0.010 µg/L
		Chlorpyrifos-methyl	LCHE/TM/SOP108	0.010 µg/L
		Chlorthal-dimethyl (Dacthal)	LCHE/TM/SOP108	0.010 µg/L
		Chlorthiamid	LCHE/TM/SOP108	0.010 µg/L
		Chlorthiophos	LCHE/TM/SOP108	0.010 µg/L
		Chlozolate	LCHE/TM/SOP108	0.010 µg/L
		Clethodim	LCHE/TM/SOP108	0.010 µg/L
		Clofentezine	LCHE/TM/SOP108	0.010 µg/L
		Clomazone	LCHE/TM/SOP108	0.010 µg/L
		Coumaphos	LCHE/TM/SOP108	0.010 µg/L
		Crimidine	LCHE/TM/SOP108	0.010 µg/L
		Cycloate	LCHE/TM/SOP108	0.010 µg/L
		Cyfluthrin peak 1	LCHE/TM/SOP108	0.010 µg/L
		Cyfluthrin peak 2	LCHE/TM/SOP108	0.010 µg/L
		Cyfluthrin peak 3	LCHE/TM/SOP108	0.010 µg/L
		Cyfluthrin peak 4	LCHE/TM/SOP108	0.010 µg/L
		Cyhalothrin I (lambda)	LCHE/TM/SOP108	0.010 µg/L
		Cymoxanil	LCHE/TM/SOP108	0.010 µg/L
		Cypermethrin (Sum of isomers)	LCHE/TM/SOP108	0.010 µg/L
		Cypermethrin peak 2	LCHE/TM/SOP108	0.010 µg/L
		Cypermethrin peak 3	LCHE/TM/SOP108	0.010 µg/L
		Cypermethrin peak 4	LCHE/TM/SOP108	0.010 µg/L

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5.2	Water & Wastewater	Cyprodinil	LCHE/TM/SOP108	0.010 µg/L
		Cyprofuram	LCHE/TM/SOP108	0.010 µg/L
		Dazomet	LCHE/TM/SOP108	0.010 µg/L
		DDD p,p	LCHE/TM/SOP108	0.010 µg/L
		DDD, o, p	LCHE/TM/SOP108	
		DDE o,p	LCHE/TM/SOP108	
		DDE p, p	LCHE/TM/SOP108	
		DDT o,p	LCHE/TM/SOP108	
		DDT p,p	LCHE/TM/SOP108	
		Deltamethrin	LCHE/TM/SOP108	
		Dialifos	LCHE/TM/SOP108	
		Diallate-cis	LCHE/TM/SOP108	
		Diallate-trans	LCHE/TM/SOP108	0.010 µg/L
		Diazinon	LCHE/TM/SOP108	0.010 µg/L
		Dichlobenil	LCHE/TM/SOP108	0.010 µg/L
		Dichlofenthion	LCHE/TM/SOP108	0.010 µg/L
		Dichlofluanid	LCHE/TM/SOP108	0.010 µg/L
		Dichlorobenzophenone, 4, 4	LCHE/TM/SOP108	0.010 µg/L
		Dichlorprop methyl ester	LCHE/TM/SOP108	0.010 µg/L
		Dicloran (Bortran)	LCHE/TM/SOP108	0.010 µg/L
		Dicofol	LCHE/TM/SOP108	0.010 µg/L
		Dicrotophos	LCHE/TM/SOP108	0.010 µg/L
		Dieldrin	LCHE/TM/SOP108	0.010 µg/L
		Diethatyl-ethyl	LCHE/TM/SOP108	0.010 µg/L
		Dimethachlor	LCHE/TM/SOP108	0.010 µg/L
		Dimethametryn	LCHE/TM/SOP108	0.010 µg/L
		Dimethipin	LCHE/TM/SOP108	0.010 µg/L
		Dimetilan	LCHE/TM/SOP108	0.010 µg/L
		Diniconazole	LCHE/TM/SOP108	0.010 µg/L

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5.2	Water & Wastewater	Dinobuton	LCHE/TM/SOP108	0.010 µg/L
		Diofenolan peak 1	LCHE/TM/SOP108	0.010 µg/L
		Diofenolan peak 2	LCHE/TM/SOP108	0.010 µg/L
		Diphenamid	LCHE/TM/SOP108	0.010 µg/L
		Diphenylamine	LCHE/TM/SOP108	0.010 µg/L
		Dipropetryn	LCHE/TM/SOP108	0.010 µg/L
		Disulfoton	LCHE/TM/SOP108	0.010 µg/L
		Ditalimfos	LCHE/TM/SOP108	0.010 µg/L
		DNOC	LCHE/TM/SOP108	0.010 µg/L
		Dodemorph peak 1	LCHE/TM/SOP108	0.010 µg/L
		Dodemorph peak 2	LCHE/TM/SOP108	0.010 µg/L
		Edifenphos	LCHE/TM/SOP108	0.010 µg/L
		Endosulfan ether	LCHE/TM/SOP108	0.010 µg/L
		Endosulfan peak 1	LCHE/TM/SOP108	0.010 µg/L
		Endosulfan peak 2	LCHE/TM/SOP108	0.010 µg/L
		Endosulfan sulfate	LCHE/TM/SOP108	0.010 µg/L
		Endrin	LCHE/TM/SOP108	0.010 µg/L
		Endrin Aldehyde	LCHE/TM/SOP108	0.010 µg/L
		Endrin-Ketone	LCHE/TM/SOP108	0.010 µg/L
		EPN	LCHE/TM/SOP108	0.010 µg/L
		Esfenvalerate	LCHE/TM/SOP108	0.010 µg/L
		Etaconazole peak 1	LCHE/TM/SOP108	0.010 µg/L
		Etaconazole peak 2	LCHE/TM/SOP108	0.010 µg/L
		Ethalfuralin	LCHE/TM/SOP108	0.010 µg/L
		Ethiofencarb	LCHE/TM/SOP108	0.010 µg/L
		Ethion	LCHE/TM/SOP108	0.010 µg/L
		Etofenprox	LCHE/TM/SOP108	0.010 µg/L
		Etridiazole (Terrazole)	LCHE/TM/SOP108	0.010 µg/L

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5.2	Water & Wastewater	Famphur	LCHE/TM/SOP108	0.010 µg/L
		Fenamidone	LCHE/TM/SOP108	0.010 µg/L
		Fenamiphos	LCHE/TM/SOP108	0.010 µg/L
		Fenchlorfos	LCHE/TM/SOP108	0.010 µg/L
		Fenfuram	LCHE/TM/SOP108	0.010 µg/L
		Fenitrothion	LCHE/TM/SOP108	0.010 µg/L
		Fenoxanil	LCHE/TM/SOP108	0.010 µg/L
		Fenoxycarb	LCHE/TM/SOP108	0.010 µg/L
		Fenpiclonil	LCHE/TM/SOP108	0.010 µg/L
		Fenpropathrin	LCHE/TM/SOP108	0.010 µg/L
		Fenson	LCHE/TM/SOP108	0.010 µg/L
		Fenthion	LCHE/TM/SOP108	0.010 µg/L
		Fenvalerate	LCHE/TM/SOP108	0.010 µg/L
		Fipronil	LCHE/TM/SOP108	0.010 µg/L
		Flamprop-isopropyl	LCHE/TM/SOP108	0.010 µg/L
		Fluazifop-P-butyl	LCHE/TM/SOP108	0.010 µg/L
		Fluchloralin	LCHE/TM/SOP108	0.010 µg/L
		Flucythrinate peak 1	LCHE/TM/SOP108	0.010 µg/L
		Flucythrinate peak 2	LCHE/TM/SOP108	0.010 µg/L
		Fludioxonil	LCHE/TM/SOP108	0.010 µg/L
		Flumetralin	LCHE/TM/SOP108	0.010 µg/L
		Fluorodifen	LCHE/TM/SOP108	0.010 µg/L
		Fluotrimazole	LCHE/TM/SOP108	0.010 µg/L
		Fluquinconazole	LCHE/TM/SOP108	0.010 µg/L
		Fluroxypyr	LCHE/TM/SOP108	0.010 µg/L
		Flusilazole	LCHE/TM/SOP108	0.010 µg/L
		Flutolanil	LCHE/TM/SOP108	0.010 µg/L
		Flutriafol	LCHE/TM/SOP108	0.010 µg/L

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5.2	Water & Wastewater	Fluvalinate peak 1	LCHE/TM/SOP108	0.010 µg/L
		Fluvalinate peak 2	LCHE/TM/SOP108	0.010 µg/L
		Folpet	LCHE/TM/SOP108	0.010 µg/L
		Fonofos	LCHE/TM/SOP108	0.010 µg/L
		Fuberidazol	LCHE/TM/SOP108	0.010 µg/L
		Heptachlor	LCHE/TM/SOP108	0.010 µg/L
		Heptachlor epoxide	LCHE/TM/SOP108	0.010 µg/L
		Hexachlorobenzene	LCHE/TM/SOP108	0.010 µg/L
		Hexazinone	LCHE/TM/SOP108	0.010 µg/L
		Iodofenfos	LCHE/TM/SOP108	0.010 µg/L
		Ipconazole	LCHE/TM/SOP108	0.010 µg/L
		Iprodione	LCHE/TM/SOP108	0.010 µg/L
		Isazophos	LCHE/TM/SOP108	0.010 µg/L
		Isocarbamid	LCHE/TM/SOP108	0.010 µg/L
		Isodrin	LCHE/TM/SOP108	0.010 µg/L
		Isufenphos	LCHE/TM/SOP108	0.010 µg/L
		Isoprocab	LCHE/TM/SOP108	0.010 µg/L
		Isopropalin	LCHE/TM/SOP108	0.010 µg/L
		Lactofen	LCHE/TM/SOP108	0.010 µg/L
		Lenacil	LCHE/TM/SOP108	0.010 µg/L
		Leptophos	LCHE/TM/SOP108	0.010 µg/L
		Linuron	LCHE/TM/SOP108	0.010 µg/L
		Malathion	LCHE/TM/SOP108	0.010 µg/L
		Mefenacet	LCHE/TM/SOP108	0.010 µg/L
		Mefenoxam	LCHE/TM/SOP108	0.010 µg/L
		Metalaxyl	LCHE/TM/SOP108	0.010 µg/L
		Metazachlor	LCHE/TM/SOP108	0.010 µg/L
		Methacrifos	LCHE/TM/SOP108	0.010 µg/L

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.2	Water & Wastewater	Methidathion	LCHE/TM/SOP108	0.010 µg/L
		Methiocarb	LCHE/TM/SOP108	0.010 µg/L
		Methoprotryne	LCHE/TM/SOP108	0.010 µg/L
		Methoxychlor	LCHE/TM/SOP108	0.010 µg/L
		Metobromuron	LCHE/TM/SOP108	0.010 µg/L
		Metolachlor	LCHE/TM/SOP108	0.010 µg/L
		Mevinphos	LCHE/TM/SOP108	0.010 µg/L
		MGK-264 A	LCHE/TM/SOP108	0.010 µg/L
		MGK-264 B	LCHE/TM/SOP108	0.010 µg/L
		Mirex	LCHE/TM/SOP108	0.010 µg/L
		Molinate (Ordram)	LCHE/TM/SOP108	0.010 µg/L
		Myclobutanil	LCHE/TM/SOP108	0.010 µg/L
		N-(2,4-Dimethylphenyl)formamide	LCHE/TM/SOP108	0.010 µg/L
		Napropamide	LCHE/TM/SOP108	0.010 µg/L
		Nitralin	LCHE/TM/SOP108	0.010 µg/L
		Nitrofen	LCHE/TM/SOP108	0.010 µg/L
		Nitrothal-isopropyl	LCHE/TM/SOP108	0.010 µg/L
		Nonachlor-cis	LCHE/TM/SOP108	0.010 µg/L
		Nonachlor-trans	LCHE/TM/SOP108	0.010 µg/L
		Norflurazon	LCHE/TM/SOP108	0.010 µg/L
		Nuarimol	LCHE/TM/SOP108	0.010 µg/L
		Ofurace	LCHE/TM/SOP108	0.010 µg/L
		Ortho-phenylphenol	LCHE/TM/SOP108	0.010 µg/L
		Oxadiazon	LCHE/TM/SOP108	0.010 µg/L
		Oxadixyl	LCHE/TM/SOP108	0.010 µg/L
		Oxyfluorfen	LCHE/TM/SOP108	0.010 µg/L
		Paclobutrazol	LCHE/TM/SOP108	0.010 µg/L

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.2	Water & Wastewater	Parathion (ethyl)	LCHE/TM/SOP108	0.010 µg/L
		Parathion-methyl	LCHE/TM/SOP108	0.010 µg/L
		Pebulate	LCHE/TM/SOP108	0.010 µg/L
		Penconazole	LCHE/TM/SOP108	0.010 µg/L
		Pendimethalin	LCHE/TM/SOP108	0.010 µg/L
		Pentachloroaniline	LCHE/TM/SOP108	0.010 µg/L
		Pentachloroanisole	LCHE/TM/SOP108	0.010 µg/L
		Pentachlorobenzene	LCHE/TM/SOP108	0.010 µg/L
		Pentachlorobenzonitrile	LCHE/TM/SOP108	0.010 µg/L
		Pentachlorophenol	LCHE/TM/SOP108	0.010 µg/L
		Pentachlorothioanisole	LCHE/TM/SOP108	0.010 µg/L
		Permethrin peak 1	LCHE/TM/SOP108	0.010 µg/L
		Permethrin peak 2	LCHE/TM/SOP108	0.010 µg/L
		Perthane (Ethylan)	LCHE/TM/SOP108	0.010 µg/L
		Phenmedipham	LCHE/TM/SOP108	0.010 µg/L
		Phenothrin	LCHE/TM/SOP108	0.010 µg/L
		Phorate	LCHE/TM/SOP108	0.010 µg/L
		Phosalone	LCHE/TM/SOP108	0.010 µg/L
		Phosfolan	LCHE/TM/SOP108	0.010 µg/L
		Phosmet	LCHE/TM/SOP108	0.010 µg/L
		Phthalimide	LCHE/TM/SOP108	0.010 µg/L
		Picoxystrobin	LCHE/TM/SOP108	0.010 µg/L
		Piperonyl butoxide	LCHE/TM/SOP108	0.010 µg/L
		Piperophos	LCHE/TM/SOP108	0.010 µg/L
		Pirimiphos-ethyl	LCHE/TM/SOP108	0.010 µg/L
		Pirimiphos-methyl	LCHE/TM/SOP108	0.010 µg/L
		Pretilachlor	LCHE/TM/SOP108	0.010 µg/L
		Procymidone	LCHE/TM/SOP108	0.010 µg/L

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.2	Water & Wastewater	Prodiamine	LCHE/TM/SOP108	0.010 µg/L
		Profenofos	LCHE/TM/SOP108	0.010 µg/L
		Profluralin	LCHE/TM/SOP108	0.010 µg/L
		Prometon	LCHE/TM/SOP108	0.010 µg/L
		Propachlor	LCHE/TM/SOP108	0.010 µg/L
		Propanil	LCHE/TM/SOP108	0.010 µg/L
		Propazine	LCHE/TM/SOP108	0.010 µg/L
		Propham	LCHE/TM/SOP108	0.010 µg/L
		Propisochlor	LCHE/TM/SOP108	0.010 µg/L
		Propyzamide	LCHE/TM/SOP108	0.010 µg/L
		Prothiofos	LCHE/TM/SOP108	0.010 µg/L
		Pyraclofos	LCHE/TM/SOP108	0.010 µg/L
		Pyrazophos	LCHE/TM/SOP108	0.010 µg/L
		Pyridaben	LCHE/TM/SOP108	0.010 µg/L
		Pyridaphenthion	LCHE/TM/SOP108	0.010 µg/L
		Pyrimethanil	LCHE/TM/SOP108	0.010 µg/L
		Pyriproxyfen	LCHE/TM/SOP108	0.010 µg/L
		Quinalphos	LCHE/TM/SOP108	0.010 µg/L
		Quinomethionate	LCHE/TM/SOP108	0.010 µg/L
		Quintozene	LCHE/TM/SOP108	0.010 µg/L
		Quizalofop-ethyl	LCHE/TM/SOP108	0.010 µg/L
		Resmethrin	LCHE/TM/SOP108	0.010 µg/L
		Sebuthylazin	LCHE/TM/SOP108	0.010 µg/L
		Secbumeton	LCHE/TM/SOP108	0.010 µg/L
		Silafluofen	LCHE/TM/SOP108	0.010 µg/L
		S-Metolachlor	LCHE/TM/SOP108	0.010 µg/L
		Spirodiclofen	LCHE/TM/SOP108	0.010 µg/L
		Sulfotep	LCHE/TM/SOP108	0.010 µg/L

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.2	Water & Wastewater	Sulprofos	LCHE/TM/SOP108	0.010 mg/kg
		Tebuconazole	LCHE/TM/SOP108	0.010 mg/kg
		Tebufenpyrad	LCHE/TM/SOP108	0.010 mg/kg
		Tebupirimfos	LCHE/TM/SOP108	0.010 mg/kg
		Tebutam	LCHE/TM/SOP108	0.010 mg/kg
		Tebuthiuron	LCHE/TM/SOP108	0.010 mg/kg
		Tecnazene	LCHE/TM/SOP108	0.010 mg/kg
		Tefluthrin	LCHE/TM/SOP108	0.010 mg/kg
		Terbacil	LCHE/TM/SOP108	0.010 mg/kg
		Terbufos	LCHE/TM/SOP108	0.010 mg/kg
		Terbumeton	LCHE/TM/SOP108	0.010 mg/kg
		Terbuthylazine	LCHE/TM/SOP108	0.010 mg/kg
		Terbutryn	LCHE/TM/SOP108	0.010 mg/kg
		Tetrachlorvinphos	LCHE/TM/SOP108	0.010 mg/kg
		Tetraconazole	LCHE/TM/SOP108	0.010 mg/kg
		Tetradifon	LCHE/TM/SOP108	0.010 mg/kg
		Tetrahydrophthalimide (THPI)	LCHE/TM/SOP108	0.010 mg/kg
		Tetramethrin peak 1	LCHE/TM/SOP108	0.010 mg/kg
		Tetramethrin peak 2	LCHE/TM/SOP108	0.010 mg/kg
		Theometon	LCHE/TM/SOP108	0.010 mg/kg
		Tolclofos-methyl	LCHE/TM/SOP108	0.010 mg/kg
		Tolyfluanid	LCHE/TM/SOP108	0.010 mg/kg
		Transfluthrin	LCHE/TM/SOP108	0.010 mg/kg
		Triadimefon	LCHE/TM/SOP108	0.010 mg/kg
		Triadimenol	LCHE/TM/SOP108	0.010 µg/L
		Triallate	LCHE/TM/SOP108	0.010 µg/L
		Triazophos	LCHE/TM/SOP108	0.010 µg/L
		Trietazine	LCHE/TM/SOP108	0.010 µg/L

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.2	Water & Wastewater	Triflumizole	LCHE/TM/SOP108	0.010 µg/L
		Trifluralin	LCHE/TM/SOP108	0.010 µg/L
		Triphenylphosphate	LCHE/TM/SOP108	0.010 µg/L
		Vernolate	LCHE/TM/SOP108	0.010 µg/L
		Vinclozolin	LCHE/TM/SOP108	0.010 µg/L
		XMC	LCHE/TM/SOP108	0.010 µg/L
		Glyphosate	LCHE/TM/SOP 114	0.010 µg/L

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.3	Fruits and Vegetables, Tea, Spices & Cereals Under following categories High water content commodities – (Leafy Vegetables , Mango, Papaya, Banana, Apple, Pears, Gerkin, Cucumber, Tomatoes, Watermelon, Peppers) High acid content and high water content – (Grapes, Pineapple, strawberry) High fat content and intermediate water content (Avocado, Coconut) High starch and high protein content and low water content and fat content – (Cereal, dhal, wheat flour) Difficult commodities- (Tea and spices)	2-(2-Butoxyethoxy)ethyl thiocyanate	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		2,2-Diiodo-4-hydroxybenzonitrile	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		2,6-Dichlorobenzonitrile	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		2-Phenylphenol	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		3,5-diiodo-4hydroxybenzonitrile	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		3-Hydroxycarbofuran	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		8-Hydroxyquinoline	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Acequinocyl	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Acifluorfen	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Aclonifen	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Amisulbrom	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Amitraz	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Amitrole	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Anilazine	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Aziprotryne	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Barben	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Benfuracarb	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Benthiocarb	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Benzoximate	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.3	Fruits and Vegetables, Tea, Spices & Cereals Under following categories High water content commodities – (Leafy Vegetables , Mango, Papaya, Banana, Apple, Pears, Gerkin, Cucumber, Tomatoes, Watermelon, Peppers) High acid content and high water content – (Grapes, Pineapple, strawberry) High fat content and intermediate water content (Avocado, Coconut) High starch and high protein content and low water content and fat content – (Cereal, dhal, wheat flour) Difficult commodities- (Tea and spices)	Binapacryl	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Bioallerthrin	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Biphenyl	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Bromoxynil	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Bromoxynil octanoate	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Butocarboxim	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Buturon	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Captafol	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Chlorbromuron	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Chlordimephon	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Cyclouron	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Chromafenozide	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Coumatetralyl	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Climbazole	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Cyenopyrafen	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Cyhexatin	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Cyromazine	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		d- Phenothrin	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.3	Fruits and Vegetables, Tea, Spices & Cereals Under following categories High water content commodities – (Leafy Vegetables , Mango, Papaya, Banana, Apple, Pears, Gerkin, Cucumber, Tomatoes, Watermelon, Peppers) High acid content and high water content – (Grapes, Pineapple, strawberry) High fat content and intermediate water content (Avocado, Coconut) High starch and high protein content and low water content and fat content – (Cereal, dhal, wheat flour) Difficult commodities- (Tea and spices)	Dalpon	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Didecyl dimethylammonium Chloride	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Dinocap	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Dithianon	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Epoxyconazole	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Ethametsulfuron- methyl	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Ethephone	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Ethidimuron	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Fenbuconazole	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Fenoprop	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Fenurone	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Flamprop-m-isopropyl	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Flioxupyr-meptyl	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Flourochloridone	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Flubendimide	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Flubenzimine	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Flucetosulfuron	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Fluensulfone	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Flumethrin	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Flumeturon	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Fluoroglycofen-ethyl	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Fluoxypyr meptyl	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Fluridone	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Flurochloridon	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg

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5.3	Fruits and Vegetables, Tea, Spices & Cereals Under following categories High water content commodities – (Leafy Vegetables , Mango, Papaya, Banana, Apple, Pears, Gerkin, Cucumber, Tomatoes, Watermelon, Peppers) High acid content and high water content – (Grapes, Pineapple, strawberry) High fat content and intermediate water content (Avocado, Coconut) High starch and high protein content and low water content and fat content – (Cereal, dhal, wheat flour) Difficult commodities- (Tea and spices)	Fomesafen	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Fonpropilate	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Furathiocarb	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Imazosulfuron	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Isofetamide	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Isotianil	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Isoxaflutole	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Kasugamycine	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Mecoprop methyl ester	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Mefluidide	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Mephosfolan	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Mesotrione	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Metaflumizone	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Metamitron	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Methoprene	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Metosulam	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Metoxuron	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Milbemectin	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Naled	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Orthosulfamuron	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Oryzaline	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Oxamyl	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Paraoxon	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Penoxsulam	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg

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5.3	Fruits and Vegetables, Tea, Spices & Cereals Under following categories High water content commodities – (Leafy Vegetables , Mango, Papaya, Banana, Apple, Pears, Gerkin, Cucumber, Tomatoes, Watermelon, Peppers) High acid content and high water content – (Grapes, Pineapple, strawberry) High fat content and intermediate water content (Avocado, Coconut) High starch and high protein content and low water content and fat content – (Cereal, dhal, wheat flour) Difficult commodities- (Tea and spices)	Pentachlornitrobenzene	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Penthiopyrad	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Phoxim	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Prochloraz	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Promicarb	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Propyrisulfuron	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Prosulfocarb	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Pymetrazine	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Pyrasulfotole	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Pyrazon	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Pyridate	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Teflubenzuron	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Tembotrione	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Temephos	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Topramezone	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Toxaphene	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Tribenuron methyl	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Triclopyr	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Tricyclazole	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Pyriftalid	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Quinclorac	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Sulcotrione	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Quinoclamine	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Quizalfop p tefuryl	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		S,S,S-Tributyl Phosphorotrithionate	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.3	Fruits and Vegetables, Tea, Spices & Cereals Under following categories High water content commodities – (Leafy Vegetables , Mango, Papaya, Banana, Apple, Pears, Gerkin, Cucumber, Tomatoes, Watermelon, Peppers) High acid content and high water content – (Grapes, Pineapple, strawberry) High fat content and intermediate water content (Avocado, Coconut) High starch and high protein content and low water content and fat content – (Cereal, dhal, wheat flour) Difficult commodities- (Tea and spices)	Siduron	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Sulfosulfuron	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Triforine	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Trinexapac ethyl	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		2,6- Diisopropyl napthalene	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Benoxacor	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Griseofulvin	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Metriam	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Azidairachtin	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Benthiazole	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Chinomethionate	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Azamethiophos	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Ioxynil octanoate	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Bentazone	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Pyribenzoxim	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Dichlormide	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Fenpropymorph	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		DEET	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Flutamone	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg
		Ethephon	LCHE/TM/SOP /110 : Rev 00:2020	0.010 mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.4	Tea, Fruits, Vegetables, rice, cereals and spices	2,4,5-Trichlorophenoxyacetic acid (2,4,5-T)	LCHE/TM/SOP/112Rev 00:2020	0.03 – 10 mg/kg
		2,4-DB (sum of 2,4-DB, its salts, its esters and its conjugates, expressed as 2,4- DB)	LCHE/TM/SOP/112 Rev 00:2020	0.03 – 10 mg/kg
		Dicamba	LCHE/TM/SOP/112 Rev 00:2020	0.03 – 10 mg/kg
		MCPA (sum of MCPA, its salts, its esters and its conjugates, expressed as MCPA)	LCHE/TM/SOP/112 Rev 00:2020	0.03 – 10 mg/kg
		2,4-Dichlorophenoxyacetic	LCHE/TM/SOP/112 Rev 00:2020	0.03 – 10 mg/kg
		Abamectin	LCHE/TM/SOP/110 Rev 00:2020	0.01 – 10 mg/kg
		Acephate	LCHE/TM/SOP/110 Rev 00:2020	0.01 – 10 mg/kg
		Acetamiprid	LCHE/TM/SOP/110 Rev 00:2020	0.01 – 10 mg/kg
		Acetochlor	LCHE/TM/SOP/110 Rev 00:2020	0.01 – 10 mg/kg
		Acibenzolar- S- methyl (sum of acibenzolar- S- methyl and acibenzolar acid (free and conjugated), expressed as acibenzolar- S- methyl)	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10 mg/kg
		Aclonifen	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10 mg/kg
		Alachlor	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10 mg/kg
		Aldicarb	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10 mg/kg
		Ametoctradin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10 mg/kg
		Ametryne	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10 mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.4	Tea, Fruits, Vegetables, rice, cereals and spices	Amidosulfuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Aminopyralid	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Amisulbrom	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Amitraz	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Amitrole	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Anilazine	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Aramite	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Asulam	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Atrazine	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Azimsulfuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Azinphos- Ethyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Azinphos-Methyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Azocyclotin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Azoxystrobin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Beflubutamid	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Benalaxyl+Benalaxyl-M (sum)	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Benfuracarb	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Bensulfuron methyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Bentazone	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Benzovindiflupyr	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Bifenazate	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Bifenox	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Bifenthrin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Binapacryl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Bispyribac - sodium	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.4	Tea, Fruits, Vegetables, rice, cereals and spices	Bitertanol	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Bixafen	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Boscalid	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Bromacil	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Bromoxynil octanoate (Bromoxynil octanoic acid ester)	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Bromophos Ethyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Bromophos Methyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Bromopropylate	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Bromuconazole	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Bupirimate	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Buprofezin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Butachlor	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Butralin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Captan	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Carbaryl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Carbendazim	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Carbetamide	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Carbofuran	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Carbosulfan	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Carboxin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Carfentrazone - ethyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Carpropamid	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Chlorantraniliprole	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Chlorbufam	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Chlorfenvinphos	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Chlorfluazuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Chloridazon (Pyrazon)	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.4	Tea, Fruits, Vegetables, rice, cereals and spices	Chlormequat (Chlormequat chloride)	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Chlorothalonil	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Chlorotoluron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Chloroxuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Chlorpyrifos	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Chlorpyrifos-Methyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Chlorsulfuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Chlorthiamid	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Chlorthion	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Chromafenozide	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Cinidon-ethyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Cinosulfuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Clethodim	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Clodinafop (Clodinafop free acid)	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Clodinafop propargyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Clofentezine	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Clomazone	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Clopyralid	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Clothianidin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Coumachlor	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		CTMTB (TCMTB)	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Cyanazine	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Cyazofamid	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Cyclanilide	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Cycloate	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Cycloxydim	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Cyflufenamide (sum of cyflufenamid (Z-isomer) and its E-isomer)	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.4	Tea, Fruits, Vegetables, rice, cereals and spices	Cyhexatin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Cymoxanil	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Cypermethrin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Cyproconazole	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Cyprodinil	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Cyromazine	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Dalapon	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Daminozide	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Dazomet	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Deltamethrin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Desmedipham	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Dialifos	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Diazinon	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Dichlorprop-p	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Dichlorvos	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Diclofop-methyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Dicrotophos	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Didecyldimethylammonium chloride	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Diethofencarb	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Difenoconazole	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Diiflubenzuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Diiflufenican	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Dimethachlor	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Dimethipin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Dimethoate (sum of dimethoate and omethoate expressed as dimethoate)	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Dimethomorph	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.4	Tea, Fruits, Vegetables, rice, cereals and spices	Dimoxystrobin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Dinocap	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Dinotefuran	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Dinoterb	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Dioxathion	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Diphenylamine	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Disulfoton	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Dithianon	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Diuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		DNOC (4,6-Dinitro-o-cresol (contains ~10% water))	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Dodemorph	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Dodine	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Edifenphos	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Emamectin benzoate	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Esfenvalerate	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Ethametsulfuron-methyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Ethephon	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Ethion	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Ethoprophos	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Ethoxysulfuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Etoxazole	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Etrimfos	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fenamiphos	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fenazaquin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fenbutatin oxide	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fenhexamid	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fenobucarb	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.4	Tea, Fruits, Vegetables, rice, cereals and spices	Fenoprop	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fenpropathrin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fenpropidin (sum of fenpropidin and its salts, expressed as fenpropidin)	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fenpyrazamine	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fenpyroximate	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fenthion	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fenvelarate	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fipronil	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Flamprop-M-isopropil	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Flazasulfuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Flonicamid	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fluazifop-P-butyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fluazinam	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Flubendiamide	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Flucetosulfuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fludioxonil	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Flufenacet	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Flufenoxuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fluometuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fluopicolide	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fluopyram	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fluoxastrobin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Flupyradifurone	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fluquinconazole	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Flurochloridone	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fluroxypyr (including its esters expressed as fluroxypyr)	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.4	Tea, Fruits, Vegetables, rice, cereals and spices	Flurtamone	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Flusilazole	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Flutolanil	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Flutriafol	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fluxapyroxad	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fomesafen	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Foramsulfuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Forchlorfenuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Formetanate (Formetanate hydrochloride)	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Formothion	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fosetyl-Al	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fosthiazate	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Fuberidazole	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Furathiocarb	LCHE/TM/SOP/110 Rev 00:2020	0.01 – 10mg/kg
		Glufosinate amonium	LCHE/TM/SOP/114 Rev 00:2020	0.01 – 10mg/kg
		Glyphosate	LCHE/TM/SOP/114 Rev 00:2020	0.01 – 10mg/kg
		Halfenprox	LCHE/TM/SOP/110 Rev 00:2020	0.01 – 10mg/kg
		Halosulfuron-methyl	LCHE/TM/SOP/110 Rev 00:2020	0.01 – 10mg/kg
		Haloxypop	LCHE/TM/SOP/110 Rev 00:2020	0.01 – 10mg/kg
		Haloxypop-r-methyl	LCHE/TM/SOP/110 Rev 00:2020	0.01 – 10mg/kg
		Hexachloro benzene	LCHE/TM/SOP/110 Rev 00:2020	0.01 – 10mg/kg
		Hexaconazole	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Hexaflumuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Hexythiazox	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		3-Hydroxycarbofuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		8-Hydroxyquinoline	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Imazalil	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Imazamox	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Imazapic	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.4	Tea, Fruits, Vegetables, rice, cereals and spices	Imazaquin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Imazosulfuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Imidacloprid	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Indoxacarb (sum of indoxacarb and its R enantiomer)	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Ipconazole	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Iprobenfos	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Iprodione	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Iprovalicarb	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Isocarbophos	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Isoprothiolane	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Isoproturon	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Isopyrazam	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Isoxaben	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Isoxaflutole	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Kasugamycin (Kasugamycin hydrochloride)	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Kresoxim-methyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Kumafos (Coumaphos)	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Lactofen	LCHE/TM/SOP/110 Rev 00:2020	0.01 – 10mg/kg
		Lenacil	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Linuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Lufenuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Malathione	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Maleic hydrazide	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Mandipropamid	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Maneb	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		MCPB	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.4	Tea, Fruits, Vegetables, rice, cereals and spices	Mecarbam	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Mepanipyrim	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Mepiquat (Mepiquat chloride)	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Mepronil	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Mesosulfuron-methyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Mesotrione	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Metaflumizone (sum of E- and Z- isomers)	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Metalaxyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		metalaxyl-M	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Metam sodium	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Metamifop	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Metamitron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Metconazole	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Methabenzthiazuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Methamidophos	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Methidathion	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Methiocarb	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Methomyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Methoprene	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Methoxyfenozide	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Methyl parathione	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Metolachlor	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		S-metolachlor	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Metosulam	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Metrafenone	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Metribuzin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Metsulfuron methyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.4	Tea, Fruits, Vegetables, rice, cereals and spices	Mevinphos (sum of E- and Z- isomers)	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Milbemectin (sum of milbemycin A3 and milbemycin A4, expressed as milbemectin)	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Monocrotophos	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Monolinuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Monuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Myclobutanil	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Nicosulfuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Novaluron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Omethoate	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Orthosulfamuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Oryzalin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Oxadiargyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Oxadiazon	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Oxadixyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Oxamyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Oxasulfuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Oxycarboxin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Oxydemeton-methyl (sum of oxydemeton-methyl and demeton-S-methyl sulfone expressed as oxydemeton- methyl)	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Oxyfluorfen	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Paraquat	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Penconazole	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Pencycuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Pendimethalin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Penoxsulam	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.4	Tea, Fruits, Vegetables, rice, cereals and spices	Pentachlorophenol (PCP)	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Penthiopyrad	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Permethrin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Phenmedipham	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Phenthoate	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Phorate	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Phosmet	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Phosphamidon	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Phoxim	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Picloram	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Picolinafen	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Picoxystrobin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Pinoxaden	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Pirimicarb	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Pirimiphos-methyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Pretilachlor	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Prochloraz	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Profenofos	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Promecarb	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Prometryn	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Propachlor	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Propamocarb (Sum of propamocarb and its salts, expressed as propamocarb)	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Propaquizafop	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Propargite	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Pretilachlor	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Propham	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Propiconazole	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Propoxur	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.4	Tea, Fruits, Vegetables, rice, cereals and spices	Propyrisulfuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Propyzamide	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Proquinazid	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Prosulfocarb	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Prosulfuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Prothioconazole	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Prothiophos	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Pymetrozine	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Pyraclostrobin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Pyraflufen-ethyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Pyrasulfotole	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		pyrazosulfuron - ethyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Pyrethrins	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Pyribenzoxim	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Pyridaben	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Pyridalyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Pyridate	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Pyrimethanil	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Pyroxsulam	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Quinalphos	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Quinclorac	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Quinmerac	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Quinoclamine	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Quinoxifen	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Quizalofop-P-tefuryl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Rimsulfuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Rotenone	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Saflufenacil	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Sethoxydim	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg

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5.4	Tea, Fruits, Vegetables, rice, cereals and spices	Silthiofam	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Simazine	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Spinosad (sum spinosyn A + D)	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Spirodiclofen	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Spiromesifen	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Spirotetramat	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Spiroxamine	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Sulcotrione	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Sulfosulfuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Tebuconazole	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Tebufenozide	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Tebufenpyrad	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Teflubenzuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Tembotrione	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		TEPP	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Tepraloxydim	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Terbufos	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Terbuthylazine	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Tetradifon	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Tetramethyl Ithiuram disulfide	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Thiabendazole	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Thiacloprid	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Thiamethoxam	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Thifensulfuron -methyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Thiobencarb	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Thiocyclam hydrogen oxalate	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Thiodicarb	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Thiometon	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5.4	Tea, Fruits, Vegetables, rice, cereals and spices	Thiophanate-methyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Tolclofos-methyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Tolfenpyrad	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Tolyfluanid	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Topramezone	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Toxaphene	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Tralkoxydim	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Triadimefon	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Triadimenol	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Triallate	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Triasulfuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Triazophos	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Tribenuron methyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Trichlorfon	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Triclopyr	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Tricyclazole	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Tridemorph	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Trifloxystrobin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Trifloxysulfuron -sodium	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Triflumuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Triflusulfuron-methyl	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Triforine	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Triticonazole	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Tritosulfuron	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Valifenalate	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Vamidotion	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Warfarin	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg
		Zoxamide	LCHE/TM/SOP/110Rev 00:2020	0.01 – 10mg/kg