

Laboratory **Nutralytica Research Pvt. Ltd., Plot No.447, Unandanagar,
Lakhmapur, Tal. Dindori, Nashik, Maharashtra**

Accreditation Standard **ISO/IEC 17025: 2005**

Certificate Number **TC-6593**

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Validity **29.11.2017 to 28.11.2019**

Last Amended on **11.12.2018**

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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BIOLOGICAL TESTING

I.	FOOD AND AGRICULTURAL PRODUCTS			
1.	Milk & Dairy Products : Milk, Paneer, Curd, Butter, SMP, WMP	Total Plate Count	US FDA BAM-Chapter 3	≤ 1cfu/ml; ≤ 10cfu/g
		Coliform	US FDA BAM-Chapter 4	≤ 1cfu/ml; ≤ 10cfu/g
		Yeast and Mould	US FDA BAM-Chapter 18	≤ 1cfu/ml; ≤ 10cfu/g
		E.coli	US FDA BAM-Chapter 4	Qualitative (Present / Absent)/0.1g
		Staphylococcus aureus	US FDA BAM-Chapter 12	≤ 1cfu/ml; ≤ 10cfu/g
		Salmonella spp.	US FDA BAM-Chapter 5	Qualitative (Present / Absent)/25g
		Enterobacteriaceae	IS/ISO 7402	≤1cfu/ml ; ≤10cfu/g
2.	Nuts & Nut Products: Groundnut, Walnut, Peanut	Total Plate Count	US FDA BAM-Chapter 3	≤ 10cfu/g
		Coliform	US FDA BAM-Chapter 4	≤ 10cfu/g
		Yeast and Mould	US FDA BAM-Chapter 18	≤ 10cfu/g
		E.coli	US FDA BAM-Chapter 4	Qualitative (Present / Absent)/0.1g
		Staphylococcus aureus	US FDA BAM-Chapter 12	≤ 10cfu/g
		Salmonella spp.	US FDA BAM-Chapter 5	Qualitative (Present / Absent)/ 25g
		Enterobacteriaceae	IS/ISO 7402	≤ 10cfu/g
3.	Bakery and Confectionary Products : Biscuits, Cake, Khari, Toast, Dairy milk, Chocolates	Total Plate Count	US FDA BAM-Chapter 3	≤10cfu/g
		Coliform	US FDA BAM-Chapter 4	≤10cfu/g
		Yeast and Mould	US FDA BAM-Chapter 18	≤10cfu/g
		E.coli	US FDA BAM-Chapter 4	Qualitative (Present / Absent)/0.1g
		Staphylococcus aureus	US FDA BAM-Chapter 12	≤10cfu/g

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		Salmonella spp.	US FDA BAM-Chapter 5	Qualitative (Present / Absent)/25g
		Enterobacteriaceae	IS/ISO 7402	≤10cfu/g
		Listeria monocytogenes	ISO11290-1/14988 (Part 1)	Qualitative (Present / Absent)/25g
		Bacillus cereus	IS 5887 (Part 6) /ISO7932	Qualitative (Present / Absent)/g
		Clostridium perfringens	IS 5887 (Part 4)	Qualitative (Present / Absent)/g
4.	Nutritional Supplements/ Infant Food : Complementary Food for Babies, Micronutrient Premix	Total Plate Count	US FDA BAM-Chapter 3	≤ 10cfu/g
		Coliform	US FDA BAM-Chapter 4	≤ 10cfu/g
		Yeast and Mould	US FDA BAM-Chapter 18	≤ 10cfu/g
		Salmonella spp.	US FDA BAM-Chapter 5	Qualitative (Present / Absent)/25g
		E.coli	US FDA BAM-Chapter 4	Qualitative (Present / Absent)/0.1g
		Staphylococcus aureus	US FDA BAM-Chapter 12	≤ 10cfu/g
5.	Beverages (Alcoholic / Non alcoholic): Fruit Juice, Vegetables, Spices	Total Plate Count	IS 5402 / ISO4833	≤10cfu/ml
		Coliform	IS 5401 (Part 1) / ISO4832	≤10cfu/ml
		Yeast and Mould	IS 5403	≤10cfu/ml
		E.coli	IS:5887(Part I)	Qualitative (Present / Absent)/g
		Staphylococcus aureus	IS 5887 (Part2)	Qualitative (Present / Absent)/g
		Salmonella spp.	IS 5887 (Part 3) / ISO 6579	Qualitative (Present / Absent)/25g
		Enterobacteriaceae	IS/ISO 7402	≤ 10cfu/g
6.	Snacks and Instant Mixes: Shev, Sing Bhujiya, Moong Dal, Soups, Potato Chips	Total Plate Count	IS 5402/ISO4833	≤10cfu/g
		Coliform	IS 5401 (Part 1)/ ISO4832	≤10cfu/g
		Yeast and Mould	IS 5403	≤10cfu/g
		E.coli	IS 5887(Part 1)	Qualitative (Present / Absent)/g

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		Staphylococcus aureus	IS 5887 (Part2)	Qualitative (Present / Absent)/g
		Salmonella spp.	IS:5887 (Part 3) / ISO 6579	Qualitative (Present / Absent)/25g
		Enterobacteriaceae	IS/ISO 7402:1993	≤10cfu/g
7.	Spices & Condiments : Cinnamon Seeds Powder, Chilli Powder, Clove, Black Pepper Powder, Cumin	Total Plate Count	IS 5402/ ISO4833	≤10cfu/g
		Coliform	IS:5401 (Part 1) / ISO4832	≤10cfu/g
		Yeast and Mould	IS 5403	≤10cfu/g
		E.coli	IS:5887 (Part I)	Qualitative (Present / Absent)/g
		Staphylococcus aureus	IS 5887 (Part2)	Qualitative (Present / Absent)/g
		Salmonella spp.	IS:5887 (Part 3) / ISO 6579	Qualitative (Present / Absent)/25g
		Enterobacteriaceae	IS/ISO 7402	≤10cfu/g
		Listeria monocytogenes	ISO11290-1 / IS 14988 Part 1	Qualitative (Present / Absent)/25g
		Bacillus cereus	IS 5887 (Part 6) / ISO 7932	Qualitative (Present / Absent)/g
		Clostridium perfringens	IS 5887 (Part 4)	Qualitative (Present / Absent)/g
8.	Processed Foods (Ready to Eat) : Chapati, Dal, Pizza, Burger, Chips, Noodles	Total Plate Count	IS 5402 / ISO 4833	≤10cfu/g
		Coliform	IS:5401 (Part 1)/ ISO4832	≤ 10cfu/g
		Yeast and Mould	IS 5403	≤ 10cfu/g
		E.coli	IS: 5887(Part I)	Qualitative (Present / Absent)/g
		Staphylococcus aureus	IS 5887 (Part2)	Qualitative (Present / Absent)/g
		Salmonella spp.	IS:5887 (Part 3) / ISO 6579	Qualitative (Present / Absent)/25g
		Enterobacteriaceae	IS/ISO 7402	≤ 10cfu/g
		Listeria monocytogenes	ISO11290-1 / ISO 14988 (Part 1)	Qualitative (Present / Absent)/25g

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		Bacillus cereus	IS 5887 (Part 6) / ISO7932	Qualitative (Present / Absent)/g
		Clostridium perfringens	IS 5887 (Part 4)	Qualitative (Present / Absent)/g
9.	Fruit & Fruits Products: Raw Fruits, Canned Fruits, Jelly and Jams	Total Plate Count	IS 5402/ ISO 4833	≤10cfu/g
		Coliform	IS:5401 (Part 1) / ISO4832	≤ 10cfu/g
		Yeast and Mould	IS 5403	≤ 10cfu/g
		E.coli	IS:5887 (Part I)	Qualitative (Present / Absent)/g
		Staphylococcus aureus	IS 5887 (Part2)	Qualitative (Present / Absent)/g
		Salmonella spp.	IS:5887 (Part 3) / ISO 6579	Qualitative (Present / Absent)/25g
		Enterobacteriaceae	IS/ISO 7402	≤ 10cfu/g
10.	Vegetables and Vegetables Products : Coriander Leaves, Raw Vegetables, Curries, Dried Vegetables	Total Plate Count	IS 5402/ ISO 4833	≤10cfu/g
		Coliform	IS:5401 (Part 1)/ ISO4832	≤ 10cfu/g
		Yeast and Mould	IS 5403	≤ 10cfu/g
		E.coli	IS:5887 (Part I)	Qualitative (Present / Absent)/g
		Staphylococcus aureus	IS 5887 (Part2)	Qualitative (Present / Absent)/g
		Salmonella spp.	IS:5887 (Part 3) / ISO 6579	Qualitative (Present / Absent)/25g
		Enterobacteriaceae	IS/ISO 7402	≤ 10cfu/g
11.	Cereal and Cereal Product: Wheat Flour, Maida	Total Plate Count	IS 5402/ ISO 4833	≤10cfu/g
		Coliform	IS:5401 (Part 1) / ISO4832	≤ 10cfu/g
		Yeast and Mould	IS 5403	≤ 10cfu/g
		E. coli	IS:5887 (Part I)	Qualitative (Present / Absent)/g
		Staphylococcus aureus	IS 5887 (Part2)	Qualitative (Present / Absent)/g

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		Salmonella spp.	IS:5887 (Part 3) / ISO 6579	Qualitative (Present / Absent)/25g
		Enterobacteriaceae	IS/ISO 7402	≤ 10cfu/g
II.	WATER			
1.	Packaged Drinking Water	Total plate count at 20 °C ±2°C in 72 hrs	IS 5402 / ISO 4833	< 100 cfu/ml or < 20cfu/ml
		Total plate count at 37°C ± 1°C in 24 hrs	IS 5402 / ISO 4833	< 100 cfu/ml or < 20cfu/ml
		Vibrio cholerae	IS 5887- Part 5	Qualitative (Present / Absent)/250 ml
		Vibrio parahaemolyticus	IS 5887 -Part 5	Qualitative (Present / Absent)/250 ml
		Staphylococcus aureus	IS 5887 (Part2)	Qualitative (Present / Absent)/250 ml
		Pseudomonas aeruginosa	IS13428-Annex D	Qualitative (Present / Absent)/250 ml
		Sulphite Reducing bacteria (Clostridium)	IS13428 -Annex C	Qualitative (Present / Absent)/50 ml
		Enterococci /Faecal Streptococci	IS 15186 / ISO7899-2	Qualitative (Present / Absent)/250 ml
		Shigella	IS 5887 (Part 7)	Qualitative (Present / Absent)/250 ml
		E.coli	IS 15185 / ISO9308-1	Qualitative (Present / Absent)/250 ml
		Salmonella	IS 15187 / ISO19250	Qualitative (Present / Absent)/250 ml
		Yeast and Mould	IS 5403	Qualitative (Present / Absent)/250 ml
		Coliforms	IS 15185 / ISO9308-1	Qualitative (Present / Absent)/250 ml

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CHEMICAL TESTING

I.	FOOD AND AGRICULTURAL PRODUCTS			
1.	Milk/Dairy Products : Milk, Curd, Paneer / Channa,Cheese, Whole milk powder, Skimmed Milk Powder, Khoa, Shrikhand, Ghee & Butter Cream,including sterilized cream, whipped cream and malai,Cream powder, Ice cream, softy ice cream , chocolate ice cream, kulfi,milk ice or milk lollies and frozen dessert/ Confection , Dried ice cream mix / dried frozen dessert / confection , Condensed / Evaporated (sweetened, unsweetened and	Starch	FSSAI Manual- Method of analysis of Milk Products; 1.2.2.1,5.4.11.5 / IS 1479 Part-1 / NRPL/STP/CH/08,10,12; Issue No. 01; Issue Date05.02.2017	Qualitative (Present /Absent)
		Cellulose	FSSAI Manual- Method of analysis of Milk Products ; 1.2.3 NRPL/STP/CH/08; Issue No. 01; Issue Date05.02.2017	Qualitative (Present /Absent)
		Urea	FSSAI Manual- Method of analysis of Milk Products; 1.2.4 IS 1479-Part-1 / NRPL/STP/CH/08; Issue No. 01; Issue Date05.02.2017	1 mg/kg to 5000 mg/kg
		Ammonium compound	FSSAI Manual- Method of analysis of Milk Products;1.2.5 NRPL/STP/CH/08; Issue No. 01; Issue Date05.02.2017	Qualitative (Present /Absent)
		Sulphates	FSSAI Manual- Method of analysis of Milk Products ;1.2.6 NRPL/STP/CH/08;	Qualitative (Present /Absent)

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	skimmed) milk, Table Cremary and Desibutter, Edible casein products, milk based sweet		Issue No. 01; Issue Date05.02.2017	
		Added glucose	FSSAI Manual- Method of analysis of Milk Products 1.2.7 NRPL/STP/CH/08; Issue No. 01;Issue Date05.02.2017	Qualitative (Present /Absent)
		Sodium Chloride	FSSAI Manual- Method of analysis of Milk Products;1.2.8 NRPL/STP/CH/08; Issue No. 01;Issue Date05.02.2017	Qualitative (Present /Absent)
		Foreign Fat	FSSAI Manual- Method of analysis of Milk Products;1.2.9 IS 1479 Part-1 NRPL/STP/CH/08; Issue No. 01; Issue Date05.02.2017	Qualitative (Present /Absent)
		Neutralizers (Alkalinity of Ash)	FSSAI Manual- Method of analysis of Milk Products; 1.2.11.2 IS 1479 Part-2 / NRPL/STP/CH/08; Issue No. 01; Issue Date05.02.2017	Qualitative (Present /Absent)
		Hypochlorites and Chloramines	FSSAI Manual- Method of analysis of Milk Products; 2.12.22 / IS 1479 Part-2 / NRPL/STP/CH/08; Issue No. 01;Issue Date05.02.2017	Qualitative (Present /Absent)

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		Quaternary Ammonium Compounds	FSSAI Manual- Method of analysis of Milk Products;1.2.13 / NRPL/STP/CH/08; Issue No. 01; Issue Date05.02.2017	Qualitative (Present /Absent)
		Anionic detergent	FSSAI Manual- Method of analysis of Milk Products ; 1.2.14 / NRPL/STP/CH/08;Issue No.01;Issue Date 5.2.2017	Qualitative (Present /Absent)
		Test for Presence of Skimmed milk Powder	FSSAI Manual- Method of analysis of Milk Products; 1.2.15 / NRPL/STP/CH/08; ;Issue No.01;Issue Date 5.2.2017	Qualitative (Present /Absent)
		Gelatine	FSSAI Manual- Method of analysis of Milk Products;1.2.16 / AOAC 17 th edition-920.106 / NRPL/STP/CH/08; ;Issue No.01;Issue Date 5.2.2017	Qualitative (Present /Absent)
		Formalin	FSSAI Manual- Method of analysis of Milk Products;1.2.17.2/ IS 1479 Part -2 / NRPL/STP/CH/08;Issue No.01;Issue Date 5.2.2017	Qualitative (Present /Absent)
		Hydrogen Peroxide	FSSAI Manual- Method of analysis of Milk Products; 1.2.18.3 / NRPL/STP/CH/08;Issue No.01;Issue Date 5.2.2017	Qualitative (Present /Absent)
		Boric acid and Borates	FSSAI Manual- Method of	Qualitative

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			analysis of Milk Products;1.2.19.1 / IS 1479 Part -1 / NRPL/STP/CH/08; Issue No.01;Issue Date 5.2.2017	(Present /Absent)
		Salicylic acid	FSSAI Manual- Method of analysis of Milk Products; 1.2.20 / IS 1479 Part -2 / NRPL/STP/CH/08; Issue No.01;Issue Date 5.2.2017	Qualitative (Present /Absent)
		Turbidity Test for Checking Efficiency of Sterilization	FSSAI Manual- Method of analysis of Milk Products; 1.3.2/ IS 1479 Part -2 / NRPL/STP/CH/08;Issue No.01;Issue Date 5.2.2017	Qualitative (Present /Absent)
		Total Solids	FSSAI Manual- Method of analysis of Milk Products ;1.3.3 ,& 4.4.1,14.2 / NRPL/STP/CH/08;Issue No.01;Issue Date 5.2.2017	1 % to 50%
		Total Milk Solids in Dahi Sweetened with Cane Sugar	FSSAI Manual- Method of analysis of Milk Products; 4.5 (9.4) NRPL/STP/CH/09;Issue No.01;Issue Date 5.2.2017	1 % to 25%
		Moisture	FSSAI Manual- Method of analysis of Milk Products ;5.2 / IS 2785/NRPL/STP/CH/10; Issue No. 01 & Issue Date 5.2.2017/NRPL/STP/CH/01 /NRPL/STP/CH/02; Issue No. 03 & Issue Date	0.1 % to 70 %

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			28.10.2016	
		Ash Insoluble in Hydrochloric Acid	FSSAI Manual- Method of analysis of Milk Products; 10.8 / NRPL/STP/CH/01; Issue No. 03; Issue Date 28.10.2016	0.1 % to 5 %
		Solubily Index -at 24°C -at 50°C	FSSAI Manual- Method of analysis of Milk Products ; 10.10 / NRPL/STP/CH/02; Issue No. 03; Issue Date 28.10.2016	Up to 0.1ml Up to 4.1ml
		Solubility Percent %	FSSAI Manual- Method of analysis of Milk Products ;10.11/ NRPL/STP/CH/02; Issue No. 03; Issue Date 28.10.2016	10 % to 100%
		Sucrose	FSSAI Manual- Method of analysis of Milk Products ; 11.5/ NRPL/STP/CH/12; Issue No.01; Issue Date 5.2.2017	Qualitative (Present /Absent)
		Titratable Acidity	FSSAI Manual- Method of analysis of Milk Products;14.5 (9.5)/ NRPL/STP/CH/13; Issue No.01; Issue Date 5.2.2017/ NRPL/STP/CH/01; Issue No. 03 & Issue Date 28.10.2016/NRPL/STP/CH/02; Issue No. 03 & Issue Date 28.10.2016	0.01 % to 5%

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		Total Ash	FSSAI Manual- Method of analysis of Milk Product;14.6 (10.7) / NRPL/STP/CH/13;Issue No.01;Issue Date 5.2.2017/ NRPL/STP/CH/01; Issue No. 03 & Issue Date 28.10.2016 / NRPL/STP/CH/02; Issue No. 03 & Issue Date 28.10.2016	0.1 % to 10%
		Milk Fat	IS 11721/ NRPL/STP/CH/01; Issue No. 03 & Issue Date 28.10.2016/ NRPL/STP/CH/02; Issue No.03 & Issue Date28.10.2016	0.1 % to 30% by mass
		Total Protein	AOAC 20 th Edition 930.29 / NRPL/STP/CH/01; Issue No. 03 & Issue Date 28.10.2016 / NRPL/STP/CH/02; Issue No. 03 & Issue Date 28.10.2016	1.0 % to 40% by mass
		Moisture in Ghee	FSSAI Manual- Method of analysis of Milk Products; 13.2/ NRPL/STP/CH/14;Issue No.01;Issue Date 5.2.2017	0.01% to 20 %
		Refractive Index	FSSAI Manual- Method of analysis of Milk Products;13.3	35.0 to 50.0

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			NRPL/STP/CH/14;Issue No.01;Issue Date 5.2.2017	
		Free Fatty acid	FSSAI Manual- Method of analysis of Milk Products; 13.4 NRPL/STP/CH/14;Issue No.01;Issue Date 5.2.2017	0.01 % to 10 %
		Peroxide value	FSSAI Manual- Method of analysis of Milk Products ;13.9 / NRPL/STP/CH/14;Issue No.01;Issue Date 5.2.2017	0.1 meq/kg to 10 meq/kg
		Reichert-Meissel Value	FSSAI Manual- Method of analysis of Milk Products;13.5/ NRPL/STP/CH/014;Issue No.01;Issue Date 5.2.2017	0.1 to 30
		Polensky Value	FSSAI Manual- Method of analysis of Milk Products;13.5/ NRPL/STP/CH/014;Issue No.01;Issue Date 5.2.2017	0.01 to 5
		Boudouin test Sesame oil	FSSAI Manual- Method of analysis of Milk Products13.6/ NRPL/STP/CH/014;Issue No.01;Issue Date 5.2.2017	Qualitative (Present /Absent)
		Holde's Test Mineral oil	FSSAI Manual- Method of analysis of Milk Products;13.7/ NRPL/STP/CH/014;Issue No.01;Issue Date 5.2.2017	Qualitative (Present /Absent)
		Detection of nitrates (pond water)in milk	NRPL/STP/ CH-52, Issue No: 1 & Date : 15.08.2018	Qualitative (Present /Absent)

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			;FSSAI Manual- Method of analysis of Milk	
		Fat	NRPL/STP/ CH-52, Issue No:01;Date:15.08.2018	0.1 g/100g to 99 g/100g
		Presence of thickeners	NRPL/STP/ CH-52, Issue No: 01 ; Date:15.08.2018/ FSSAI Manual- Method of analysis of Milk Products	Qualitative (Present /Absent)
		Moisture	NRPL/STP/ CH-52, Issue No:01 & Date:15.08.2018	(1 to 90 g)/100g or 100 ml
		Milk protein in solid not fat	NRPL/STP/ CH-52, Issue No: 1 & Date : 15.08.2018/ FSSAI Manual- Method of analysis of Milk Products	0.1 g/100g to 50 g/100g
		Total solid	NRPL/STP/CH-52, Issue No: 1 & Date : 15.08.2018 / FSSAI Manual- Method of analysis of Milk Products; 2016	1- 99 g/100g or 100 ml
		Weight per unit volume or over-run in ice cream	NRPL/STP/ CH-52, Issue No: 1 & Date : 15.08.2018 / FSSAI Manual- Method of analysis of Milk Products.	0.1 g/100g to 50 g/100g
		Protein	NRPL/STP/ CH-52, Issue No: 1 & Date : 15.08.2018 FSSAI Manual- Method of analysis of Milk Products;2016	0.1 g/100g to 95 g/100g
		Sucrose	NRPL/STP/ CH-52, Issue No: 1 & Date : 15.08.2018 / FSSAI Manual- Method of analysis of Milk Products	1 g/100g to 70 g/100g
		Titrateable acidity	NRPL/STP/ CH-52, Issue No: 1 & Date : 15.08.2018 /	0.1 g/100g to 2 g/100g

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			FSSAI Manual- Method of analysis of Milk Products; 2016, AOAC, 20 th Ed.,2016	
		Salt content	NRPL/STP/ CH-52, Issue No: 1 & Date : 15.08.2018/ FSSAI Manual- Method of analysis of Milk Products	0.01 g/100g to 5 g/100g
		Mineral oil in ghee	NRPL/STP/ CH-52, Issue No: 1 & Date : 15.08.2018/ FSSAI Manual- Method of analysis of Milk Products;2016	Qualitative (Present /Absent)
		Peroxide value in ghee	NRPL/STP/ CH-52, Issue No: 1 ; Date : 15.08.2018 / FSSAI Manual- Method of analysis of Milk Products;2016	0.1 meq/kg to 10 meq/kg
		Casein	NRPL/STP/ CH-52, Issue No: 1 & Date : 15.08.2018 / FSSAI Manual- Method of analysis of Milk Products;2016	0.1 g/100g to 50 g/100g
		Lactose	NRPL/STP/CH-52, Issue No: 1 & Date : 15.08.2018 / FSSAI Manual- Method of analysis of Milk Products;2016	0.05 g/100g to 50 g/100g
		Total Ash	NRPL/STP/ CH-52, Issue No:01 & Date : 15.08.2018 / FSSAI Manual- Method of analysis of Milk Products;2016	0.05 g/100g to10 g/100g

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		Fixed Ash	NRPL/STP/ CH-52, Issue No: 1 & Date : 15.08.2018 / FSSAI Manual- Method of analysis of Milk Products ;2016	0.05 g/100g to 50 g/100g
		Free fatty acid	NRPL/STP/ CH-52, Issue No: 1 & Date : 15.08.2018 / FSSAI Manual- Method of analysis of Milk Products;2016	0.05 g/100g to 5 g/100g
		pH	NRPL/STP/ CH-52, Issue No: 1 & Date : 5.08.2018 / FSSAI Manual- Method of analysis of Milk Products;2016	2 to 12
		True Protein	NRPL/STP/ CH-52, Issue No: 1 & Date : 15.08.2018 /	0.1 g/100g to 10 g/100g
		Calcium	IS 1479 – Part I, IS 1479 – Part II	0.005 g/100g to 10 g/100g
		Magnesium		0.05 g/100g to 10 g/100g
		Phosphorous		0.05 g/100g to 1000g/100g
		Non Protein Caesin		0.05 g/100g to 10 g/100g
		Lactose		1 g/100g to 60 g/100g
		Chloride (as NaCl ₂)		0.01 g/100g to 5 g/100g
		Chloride		0.01 g/100g to 10 g/100g
		Albumin		0.01 g/100g to 10 g/100g
		Magnesium	NRPL/STP/ CH-83; Issue No: 1 & Date : 15.08.2018	1 mg/100g to 500 mg/100g
		Sodium		1 mg/100g to 500 mg/100g
		Potassium		1 mg/100g to 500

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				mg/100g
		Vitamin A acetate	NRPL/STP/ CH-71, Issue No:01 & Date :15.08.2018	1.0 mg/kg to 1000.00 mg/kg
		Vitamin E	NRPL/STP/ CH-52, Issue No: 1 and Date : 15.08.2018 / AOAC 20 th Edition; Official Method 2012.10	10 mg/kg to 1000 mg/kg
		Melamine	NRPL/STP/CH/97, Issue No: 1 and Date 25.10.2018/ FSSAI Manual- Method of analysis of Milk Products; 2016	0.100 mg/kg to 5.0 mg/kg
2.	Sugar & Confectionary Products: Honey, Sugar, Chocolate	Moisture	FSSAI Beverages, Sugar and Confectionery Product; 6.2 / NRPL/STP/CH/15; Issue No. 01& Issue Date 05.02.2017	13% to 25%
	Roasted coffee, Chicory & Coffee powder, Cocoa, Tea, Honey, Cane Sugar & Refined Sugar, Bura, Gur & Jaggary,	Specific gravity	FSSAI Beverages, Sugar and Confectionery Product 2016; 6.3/ NRPL/STP/CH/15; Issue No. 01& Issue Date 05.02.2017	1 to 1.5
	Sulphated ash in dextrose, Icing sugar, Liquid Glucose, Sugar	Reducing sugars, Total reducing sugars and sucrose	FSSAI Beverages, Sugar and Confectionery Product 2016: 6.4/NRPL/ STP/ CH/15; Issue No. 01; Issue Date 05.02.2017	0.1 % to 95%
	boiled confectionary and lozenges, Chewing gum & Bubble gum	Fructose: Glucose Ratio	FSSAI Beverages, Sugar and Confectionery Product; 6.5 / NRPL/STP/CH/15; Issue No. 01; Issue Date 05.02.2017	0.1 % to 10%

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		Invert Sugar	FSSAI Beverages, Sugar & Confectionery Product; 6.6/ NRPL/STP/CH/15; Issue No.01; Issue Date 5.2.2017	Qualitative (Present /Absent)
		Ash	FSSAI Beverages, Sugar & Confectionery Product; 6.7/ NRPL/STP/CH/15; Issue No. 01; Issue Date 05.02.2017	0.01 % to 10%
		Acidity	FSSAI Beverages, Sugar & Confectionery Product; 6.8 / NRPL/STP/CH/15; Issue No. 01; Issue Date 05.02.2017	0.001 % to 5%
		Sucrose as reducing sugar	FSSAI Beverages, Sugar and Confectionery Product 2016; 6.4 / NRPL/STP/CH/15; Issue No.01; Issue Date 05.02.2017	0.1 % to 95%
		Sulphur Dioxide	FSSAI Beverages, Sugar and Confectionery Product 2016; 7.5/IS 15279 NRPL/STP/CH/16; Issue No. 01; Issue Date :05.02.2017	1 mg/ Kg to 200 mg/ Kg
		Conductivity ash	IS 15279 ;9.0/ NRPL/STP/CH/16; Issue No. 01; Issue Date 05.02.2017	0.0001 % to 1 %
		Calcium oxide	FSSAI Beverages, Sugar and Confectionery Product 2016; 7.7 / IS 15279 NRPL/STP/CH/16; Issue	1 mg/100g to 200 mg/100g

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			No. 01; Issue Date 05.02.2017	
		Non Fat Milk Solids	FSSAI Beverages, Sugar and Confectionery Product 2016; C4 / NRPL/STP/CH/17; Issue No.01; Issue Date 5.2.2017	1 % to 20 %
		Rancidity	FSSAI Beverages, Sugar and Confectionery Product 2016; C5 /IS: 7679-1978/ NRPL/STP/CH/17; Issue No.01; Issue Date 5.2.2017	Qualitative (Present /Absent)
		Ash Insoluble in dilute HCl	FSSAI Beverages, Sugar and Confectionery Product 2016; C6/NRPL/STP/CH/17; Issue No. 01; Issue Date 05.02.2017	0.01% to 5%
		Milk Fat	FSSAI Beverages, Sugar and Confectionery Product 2016; C7/NRPL/STP/CH/17; Issue No.01; Issue Date 05.02.2017	0.1% to 50%
		Reichert-Meissel Value of extracted fat	FSSAI Beverages, Sugar and Confectionery Product 2016; / NRPL/STP/CH/17; Issue No. 01; Issue Date 05.02.2017	0.1% to 20 %
		Cocoa Solids	FSSAI Beverages, Sugar and Confectionery Product 2016; C8/NRPL/STP/CH/17 Issue No. 01; Issue Date 05.02.2017	0.1% to 20 %
		Chocolate Component of Filled Chocolate	FSSAI Beverages, Sugar and Confectionery Product	0.5% to 50 %

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			2016;C11/NRPL/STP/CH/17 Issue No. 01; Issue Date 05.02.2017	
		Edible Wholesome Substances	FSSAI Beverages, Sugar and Confectionery Product 2016; ; C12 / IS: 1163 / NRPL/STP/CH/17; Issue No. 01; Issue Date 05.02.2017	0.1% to 50 %
		Total protein	FSSAI Beverages, Sugar and Confectionery Product; C13/ NRPL/STP/CH/17; Issue No. 01;Issue date 05.02.2017	0.1% to 50%
		Filth	FSSAI Beverages, Sugar and Confectionery Product C15/ NRPL/STP/CH/17; Issue No.01;Issue Date 05.02.2017	Qualitative (Present /Absent)
		Moisture	NRPL/STP/CH/55.22, Issue No: 1 and Date 25.10.2018/ FSSAI Beverages, Sugar and Confectionery Product 2015	0.01 g/100g to 10 g/100g
		Total Ash	NRPL/STP/CH/55.22, Issue No: 1 and Date 25.10.2018 / FSSAI Beverages, Sugar and Confectionery Product 2015	0.05 g/100g to 5 g/100g
		Water soluble ash	NRPL/STP/CH/55.22, Issue No: 1 and Date 25.10.2018 FSSAI Beverages, Sugar and Confectionery Product	0.1 g/100g to 80 g/100g

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			2015	
		Ash insoluble in dilute HCL	NRPL/STP/CH/55.22, Issue No: 1 and Date 25.10.2018 FSSAI Beverages, Sugar and Confectionery Product 2015 / IS 6287	0.05 g/100g to 5 g/100g
		Alkalinity of soluble ash	NRPL/STP/CH/55.22, Issue No:1 and Date 25.10.2018 / FSSAI Beverages, Sugar and Confectionery Product 2015	0.05 g/100g to 5 g/100g
		Aqueous Extract	NRPL/STP/CH/55.22, Issue No:1 and Date 25.10.2018 / FSSAI Beverages, Sugar and Confectionery Product 2015	0.1 g/100g to 30 g/100g
		Caffeine Content	NRPL/STP/CH/55.22, Issue No:1 and Date 25.10.2018 / FSSAI Beverages, Sugar and Confectionery Product 2015	10 mg/kg to 1000 mg/kg
		Solubility in /Cold Water & Boiling water	NRPL/STP/CH/55.22, Issue No: 1 and Date 25.10.2018/ FSSAI Beverages, Sugar and Confectionery Product 2015	Present/Absent
		Cocoa Butter	FSSAI Beverages, Sugar and Confectionery Product 2015/NRPL/STP/CH/55.22, Issue No:01 & Date 25.10.2018	1 g/100g to 50 g/100g
		Crude fiber	NRPL/STP/CH/55.22, Issue No: 1 and Date 25.10.2018/ FSSAI Beverages, Sugar	1 g/100g to 50 g/100g

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			and Confectionery Product 2015 /IS 10226 (Part I)/ ISO 5498	
		Iron fillings & size of the particle	NRPL/STP/CH/55.22, Issue No: 1 and Date 25.10.2018/ FSSAI Beverages, Sugar and Confectionery Product 2015	Qualitative (Present/Absent)
		Sulphated Ash	NRPL/STP/CH/55.22, Issue No: 1 and Date 25.10.2018/ FSSAI Beverages, Sugar and Confectionery Product 2015	0.05 g/100g to 5 g/100g
		Added Synthetic Color	NRPL/STP/CH/55.22, Issue No: 1 and Date 25.10.2018/ FSSAI Beverages, Sugar and Confectionery Product 2015	0.1 mg/kg to 100 mg/kg
		Gum base content	NRPL/STP/CH/55.22, Issue No: 1 and Date 25.10.2018/ FSSAI Beverages, Sugar and Confectionery Product 2015	0.1 g/100g to 50 g/100g
		Reducing Sugar & Total Reducing Sugar	NRPL/STP/CH/55.22, Issue No: 1 and Date 25.10.2018/ FSSAI Beverages, Sugar and Confectionery Product 2015	0.1 g/100g to 50 g/100g
		Sucrose	NRPL/STP/CH/55.22, Issue No: 1 and Date 25.10.2018/ FSSAI Beverages, Sugar and Confectionery Product 2015	0.1 g/100g to 80 g/100g
		Total protein	NRPL/STP/CH/55.22, Issue	0.1 g/100g to 50 g/100g

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			No: 1 and Date 25.10.2018/ FSSAI Beverages, Sugar and Confectionery Product 2015;	
		Fat	NRPL/STP/CH/55.22, Issue No: 1 and Date 25.10.2018/ FSSAI Beverages, Sugar and Confectionery Product 2015	0.1 g/100g to 50 g/100g
		Total solid in liquid Glucose	NRPL/STP/CH/55.22, Issue No: 1 and Date 25.10.2018/ FSSAI Beverages, Sugar and Confectionery Product 2015	0.1 g/100g to 98 g/100g
		Starch in icing sugar	NRPL/STP/CH/55.22, Issue No: 1 and Date 25.10.2018/ FSSAI Beverages, Sugar and Confectionery Product 2015	Qualitative (Present/Absent)
		Paraffin in confectionary	NRPL/STP/CH/55.22, Issue No: 1 and Date 25.10.2018/ FSSAI Beverages, Sugar and Confectionery Product 2015	Qualitative (Present/Absent)
		Shellac in confectionary	NRPL/STP/CH/55.22, Issue No: 1 and Date 25.10.2018/ FSSAI Beverages, Sugar and Confectionery Product 2015	Qualitative (Present/Absent)
		Alcohol in syrup	NRPL/STP/CH/55.22, Issue No: 1 and Date 25.10.2018/ FSSAI Beverages, Sugar and Confectionery Product 2015	Qualitative (Present/Absent)

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		Aniline Chloride test in honey	NRPL/STP/CH/55.22, Issue No: 1 and Date 25.10.2018/ FSSAI Beverages, Sugar and Confectionery Product 2015	Qualitative (Present/Absent)
		Determination of extraneous matter insoluble in water	NRPL/STP/CH/55.22, Issue No: 1 and Date 25.10.2018 /FSSAI Beverages, Sugar and Confectionery Product 2015	0.01 g/100g to 5 g/100g
		Extraneous Matter	NRPL/STP/CH/55.22, Issue No: 1 and Date 25.10.2018/ IS 15279	Qualitative (Present/Absent)
		Mustiness	NRPL/STP/CH/55.22, Issue No: 1 and Date 25.10.2018/ IS 15279	Qualitative (Present/Absent)
		Living & Dead Insects	NRPL/STP/CH/55.22, Issue No: 1 and Date 25.10.2018/ IS 15279	Qualitative (Present/Absent)
		Insects fragments	NRPL/STP/CH/55.22, Issue No: 1 and Date 25.10.2018/ FSSAI Beverages, Sugar and Confectionery Product 2015	Qualitative (Present/Absent)
		Rodent Contamination	NRPL/STP/CH/55.22, Issue No: 1 and Date 25.10.2018/ FSSAI Beverages, Sugar and Confectionery Product 2015	Qualitative (Present/Absent)
3.	Oils and Fats : Coconut Oil, Refined Oil, Mahua Oil, Mustard Oil,	Moisture	FSSAI Oils and Fats;3.0/ NRPL/STP/CH/26; Issue No. 01 & Issue Date.05.02.2017	0.01% to 20%
		specific gravity	FSSAI Oils and Fats;4.0/	0.9 to 5.0

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	Virgin Oil, Pomace Virgin Oil, Poppy Seed Oil, Sunflower Seed Oil, Til Oil, Soyabean Oil, Maize Oil, Almond Oil		NRPL/STP/CH/26; Issue No. 01& Issue Date05.02.2017	
		refractive index	FSSAI Oils and Fats;5.0/ NRPL/STP/CH/26; Issue No. 01 & Issue Date05.02.2017	1.30 to 1.71
		Flash point	FSSAI Oils and Fats;6.0/ NRPL/STP/CH/26; Issue No. 01& Issue Date05.02.2017	50°C to 400 °C
		Colour	FSSAI Oils and Fats;7.0/ NRPL/STP/CH/26; Issue No. 01& Issue Date05.02.2017	0.1 to 40
		Melting point of fat	FSSAI Oils and Fats;8.0/ NRPL/STP/CH/26; Issue No. 01& Issue Date05.02.2017	20°C to 50°C
		Saponification Value	FSSAI Oils and Fats;9.0/ NRPL/STP/CH/26; Issue No. 01& Issue Date05.02.2017	165 to 260
		Unsaponifiable Matter	FSSAI Oils and Fats;10.0/ NRPL/STP/CH/26; Issue No. 01 & Issue Date05.02.2017	0.1% to 5%
		Acid Value	FSSAI Oils and Fats;11.0/ NRPL/STP/CH/26; Issue No. 01 & Issue Date05.02.2017	0.1% to 5%
		Iodine Value	FSSAI Oils and Fats;12.0/ NRPL/STP/CH/26;	10 to 500

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			Issue No. 01& Issue Date05.02.2017	
		Reichert-Meissl Value	FSSAI Oils and Fats;13.0/ NRPL/STP/CH/26; Issue No. 01& Issue Date05.02.2017	0.1 to 50
		Polenske Value	FSSAI Oils and Fats;13.0/ NRPL/STP/CH/26; Issue No. 01& Issue Date 05.02.2017	0.1 to 50
		Bellier test (turbidity temperature) acetic acid method	FSSAI Oils and Fats ;14.0 / NRPL/STP/CH/26; Issue No. 01 & Issue Date 05.02.2017	Qualitative (Present /Absent)
		Test for presence of sesame oil (baudouin test)	FSSAI Oils and Fats;15.0/ NRPL/STP/CH/26;Issue No.01 & Issue Date 5.2.2017	Qualitative (Present /Absent)
		Test for presence of cottonseed oil (Halphen's test)	FSSAI Oils and Fats ;16.0/ NRPL/STP/CH/26; Issue No. 01& Issue Date05.02.2017	Qualitative (Present /Absent)
		Determination of Cloud point	FSSAI Oils and Fats ;17.0/ NRPL/STP/CH/26; Issue No. 01; Issue Date05.02.2017	Qualitative (Present /Absent)
		Test for Presence of Rice-Bran Oil	FSSAI Oils and Fats ;18.0/ NRPL/STP/CH/26; Issue No. 01;Issue Date05.02.2017	Qualitative (Present /Absent)
		Test for Presence of Linseed Oil (Hexabromide Test)	FSSAI Oils and Fats;19.0/ NRPL/STP/CH/26; Issue No. 01; Issue Date05.02.2017	Qualitative (Present /Absent)

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		Polybromide test for Mustard Oil	FSSAI Oils and Fats ;20.0/ NRPL/STP/CH/26; Issue No. 01; Issue Date 05.02.2017	Qualitative (Present /Absent)
		Test for Presence of Animal Body Fat in Vegetable Fat	FSSAI Oils and Fats;22.0/ NRPL/STP/CH/26; Issue No. 01; Issue Date 05.02.2017	Qualitative (Present /Absent)
		Test for Refined Winterized Salad Oil - Cold Test	FSSAI Oils and Fats; 23.0/ NRPL/STP/CH/26; Issue No. 01; Issue Date 05.02.2017	Qualitative (Present /Absent)
		Test for Presence of Castor Oil	FSSAI Oils and Fats;29.0 NRPL/STP/CH/26; Issue No. 01; Issue Date 05.02.2017	Qualitative (Present /Absent)
		Test for Presence of Argemone Oil	FSSAI Oils and Fats;30.0/ NRPL/STP/CH/26; Issue No. 01; Issue Date 05.02.2017	Qualitative (Present /Absent)
		Test for Presence of Karanja Oil	FSSAI Oils and Fats;31.0/ NRPL/STP/CH/26; Issue No. 01; Issue Date 05.02.2017	Qualitative (Present /Absent)
		Test for Presence of Hydrocyanic Acid	FSSAI Oils and Fats;32.3/ NRPL/STP/CH/26; Issue No. 01; Issue Date 05.02.2017	Qualitative (Present /Absent)
		Test for Presence of Tricresyl Phosphate and Tri-o- Cresyl Phosphate in Edible Oils	FSSAI Oils and Fats;33.0/ NRPL/STP/CH/26; Issue No. 01; Issue Date 05.02.2017	Qualitative (Present /Absent)
		Determination of	FSSAI Oils and Fats; 34.0/	0.001% to 5%

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		Phosphorous in Soya Bean Oil	NRPL/STP/CH/26; Issue No. 01; Issue Date 05.02.2017	
		Qualitative Test for Vitamin A in Vanaspati:	FSSAI Oils and Fats; 36.0/ NRPL/STP/CH/26; Issue No. 01 & Issue Date 05.02.2017	Qualitative (Present / Absent)
		Test for Presence of Rancidity	FSSAI Oils and Fats ; 38.0/ NRPL/STP/CH/26; Issue No. 01; Issue Date 05.02.2017	Qualitative (Present / Absent)
		Isolation and Identification of Oil Soluble Colours	FSSAI Oils and Fats; 39.0/ NRPL/STP/CH/26; Issue No. 01; Issue Date 05.02.2017	Qualitative (Present / Absent)
		Insoluble Matter	NRPL/STP/CH/93.22, Issue No:01 & Date 25.10.2018/ IS -563 method 6	0.01g/100g to 1g/100g
		Mineral Oil	NRPL/STP/CH/93.22, Issue No: 01 & Date 25.10.2018/ FSSAI Manual- Method of analysis of Oils & Fats	Qualitative (Present/Absent)
		Test for teaseed oil in olive oil	NRPL/STP/CH/93.22, Issue No: 01 & Date 25.10.2018/ FSSAI Manual- Method of analysis of Oils & Fats	Qualitative (Present/Absent)
		Test for presence of Olive Residue Oil in Olive Oil	NRPL/STP/CH/93.22, Issue No:01 & Date 25.10.2018/ FSSAI Manual- Method of analysis of Oils & Fats	Qualitative (Present/Absent)
		Semi-siccative Oil in Olive Oil	NRPL/STP/CH/93.22, Issue No: 1 and Date 25.10.2018/ FSSAI Manual- Method of analysis of Oils & Fats	Qualitative (Present/Absent)

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		Carotenoid content in raw Palm Oil	NRPL/STP/CH/93.22, Issue No: 1 and Date 25.10.2018/ FSSAI Manual- Method of analysis of Oils & Fats	5 mg/kg to 500 mg/kg
4.	Nut and Nut Products: (Ground Nut, Kernels, Raisins, Pistachio Nuts, Date, Dry Fruits & Nuts, Cashew Nuts)	Moisture	AOAC 20 th edition; 925.40/ IS 9037, Appendix-A / NRPL/STP/CH/21; Issue No. 01; Issue Date 05.02.2017 / NRPL/STP/CH/03; Issue No.03; Issue Date 28.10.2016	0.1% to 20%
		Total Ash	AOAC 20 th edition; 950.49/ IS 4684 -Appendix-D / NRPL/STP/CH/21; Issue No. 01& Issue Date 05.02.2017 / NRPL/STP/CH/03; Issue No. 03; Issue Date 28.10.2016	0.1% to 10%
		Protein (% By mass)	IS 4684 /NRPL/STP/CH/03; Issue No.03; Issue Date 28.10.2016	1.0% to 30%
		Fat (% By mass)	IS 9037/ NRPL/STP/CH/03; Issue No. 03; Issue Date 28.10.2016	0.1% to 60%
		Crude fibre	IS 15271 Annex C/ AOAC 20 th edn; 962.09E / NRPL/STP/CH/21; Issue No.01; Issue Date 05.02.2017	0.1% to 5%
		Sulfur dioxide	NRPL/STP/CH/54.22, Issue	5 mg/kg to 750 mg/kg

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			No: 1 and Date 25.10.2018 FSSAI Manual- Method of analysis of Fruits & Vegetable product ;2016	
		Test for peroxidase	NRPL/STP/CH/54.22, Issue No: 1 and Date 25.10.2018 FSSAI Manual- Method of analysis of Fruits & Vegetable product ;2016	Qualitative (Present/Absent)
		Extraneous matter	NRPL/STP/CH/54.22, Issue No: 1 and Date 25.10.2018	0.1 g/100g to 99 g/100g
		Damage kernel including slightly damaged kernel	NRPL/STP/CH/54.22, Issue No: 1 and Date 25.10.2018	0.1 g/100g to 10 g/100g
		Damage resins	NRPL/STP/CH/54.22, Issue No: 1 and Date 25.10.2018	0.1 g/100g to 99 g/100g
		Sugar resins	NRPL/STP/CH/54.22, Issue No: 1 and Date 25.10.2018	0.1 g/100g to 50 g/100g
		Unopened shells	NRPL/STP/CH/54.22, Issue No: 1 and Date 25.10.2018	0.1 g/100g to 50 g/100g
		Empty Shells	NRPL/STP/CH/54.22, Issue No: 1 and Date 25.10.2018	0.01 g/100g to 50 g/100g
		Blemished /Damaged units	NRPL/STP/CH/54.22, Issue No: 1 and Date 25.10.2018	0.1 g/100g to 50 g/100g
		Extraneous vegetable matter	NRPL/STP/CH/54.22, Issue No: 1 and Date 25.10.2018	0.1 g/100g to 50 g/100g
		Damaged or discoloured units	NRPL/STP/CH/54.22, Issue No: 1 and Date 25.10.2018	0.1 g/100g to 50 g/100g
		Moisture	NRPL/STP/CH/54.22, Issue No: 1 and Date 25.10.2018/ FSSAI Manual- Method of analysis of Fruits & Vegetable product;2016	0.1 g/100g to 30 g/100g
		Saturated Fatty acids	NRPL/STP/CH/26.22, Issue	1 g/100g to 25 g/100g

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		(SAFA)	No: 1 and Date 25.10.2018/ FSSAI Manual- Method of analysis of Oils & Fats	
		Mono Unsaturated Fatty acids (MUFA)		1 g/100g to 50 g/100g
		Poly Unsaturated Fatty acid (PUFA)		1 g/100g to 25g/100g
		Trans-fatty acids		0.01 g/100g to 2g/100g
5.	Precessed food (Ready to Eat Food -Namkins, Noddles and Proprietary food) :	Moisture	IS 15271- Annex B/ NRPL/STP/CH/22;Issue No.01;Issue Date 5.2.2017	0.1% to 20%
		Ash	IS 15271 Annex C/ NRPL/STP/CH/22;Issue No.01;Issue Date 5.2.2017	0.1% to 10%
		Acid insoluble ash	IS 15271 Annex C/ NRPL/STP/CH/22;Issue No.01;Issue Date 5.2.2017	0.01% to 5%
		Acidity of extracted Fat	IS 15271 Annex E/ NRPL/STP/CH/22;Issue No.01;Issue Date 5.2.2017	0.01% to 5 %
		Peroxide value	IS 15271 Annex F/ NRPL/STP/CH/22;Issue No.01;Issue Date 5.2.2017	0.1meq/kg to 10 meq/kg
		Peroxidase Test	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ FSSAI Manual- Method of analysis of Fruits & Vegetable product	Qualitative (Present/Absent)
6.	Spices and Condiments: Chilli Powder, Turmeric Powder, Ginger Powder, Cumin Powder,	Moisture (Karl-Fischer method)	FSSAI Manual- Method of analysis of Spices and Condiments; 3.0 / NRPL/STP/CH/33; Issue No. 01;Issue Date 05.02.2017	0.1% to 25%

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	Black Pepper, Caraway, Caraway Black, Cardamom, Chilies & Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Cumin Black, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Black Pepper, White Pepper, Poppy, Saffron, Turmeric, Curry Powder, Mixed Masala, Anise seed, Ajwain, Dried Mango Slices, Dried Mango Powder (Amchur) ,Garlic (Dehydrated), Celery, Onion (Dehydrated)	Total Ash	FSSAI Manual- Method of analysis of Spices and Condiments; 4.0/ NRPL/STP/CH/33; Issue No. 01; Issue Date 05.02.2017	0.1% to 10 %
		Ash Insoluble in Dilute HCl	FSSAI Manual- Method of analysis of Spices and Condiments; 5.0/ NRPL/STP/CH/33; Issue No. 01; Issue Date 05.02.2017	0.1% to 5%
		Cold Water Soluble Extract	FSSAI Manual- Method of analysis of Spices and Condiments; 6.0/ NRPL/STP/CH/33; Issue No. 01; Issue Date 05.02.2017	1.0% to 50.0 %
		Alcohol Soluble Extract	FSSAI Manual- Method of analysis of Spices and Condiments ;7.0/ NRPL/STP/CH/33; Issue No. 01; Issue Date 05.02.2017	1.0% to 50.0 %
		Non Volatile Ether Extract	FSSAI Manual- Method of analysis of Spices and Condiments ; 9.0 /NRPL/STP/CH/33; Issue No. 01; Issue Date 05.02.2017	1% to 20%
		Crude Fibre	FSSAI Manual- Method of analysis of Spices and Condiments ; 11.0/ NRPL/STP/CH/33; Issue No. 01/ Issue Date	0.1% to 50%

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			05.02.2017	
		Curcumin Content	FSSAI Manual- Method of analysis of Spices and Condiments ; 16.4/ NRPL/STP/CH/37; Issue No. 01; Issue Date 05.02.2017	0.1% to 10%
		Starch Content	FSSAI Manual- Method of analysis of Spices and Condiments ; 16.5 /NRPL/STP/CH/37; Issue No. 01; Issue Date 05.02.2017	0.1% to 10%
		Test for presence of Chromate	FSSAI Manual- Method of analysis of Spices and Condiments ; 16.6 /NRPL/STP/CH/37; Issue No.01; Issue Date 05.02.2017	Qualitative (Present /Absent)
		Calcium Oxide	FSSAI Manual- Method of analysis of Spices and Condiments ; 8.0/ NRPL/STP/CH/35; Issue No. 01; Issue Date 05.02.2017	0.01% to 20%
		Volatile Oil	FSSAI Manual- Method of analysis of Spices and Condiments ; 10.0/ NRPL/STP/CH/34; Issue No. 01; Issue Date 05.02.2017	0.1% to 20%
		Bulk Density (Mass/lit)	FSSAI Manual- Method of analysis of Spices and	10.0g/ml to 1000g/l

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			Condiments ;14.1/NRPL/STP/CH/36; Issue No. 01;Issue Date 05.02.2017	
		Light Berries	FSSAI Manual- Method of analysis of Spices and Condiments ; 14.2/NRPL/STP/CH/36/ Issue No. 01;Issue Date 05.02.2017	0.1% to 20%
		Extraneous matter & other refractions	NRPL/STP/CH/63.22, Issue No:1 and Date 25.10.2018 / FSSAI Manual- Method of analysis of Spices and Condiments;2016	0.1 g/100g to 99 g/100g
		Ally; Isothiocyanate in mustard	NRPL/STP/CH/63.22, Issue No:1 and Date 25.10.2018/ FSSAI Manual- Method of analysis of Spices and Condiments/ IS-2323	0.1 g/100g to 20 g/100g
		Piperine Content	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018 FSSAI Manual- Method of analysis of Spices and Condiments	0.1 g/100g to 10 g/100g
		Extraneous Matter	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018 FSSAI Manual- Method of analysis of Spices and Condiments	0.1 g/100g to 99 g/100g
		Total Ash	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018 FSSAI Manual- Method of analysis of Spices and	0.1 g/100g to 20 g/100g

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			Condiments/IS5453 Part-II	
		Picrocrocine (Colouring Strength), Safranal, Crocine	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ FSSAI Manual- Method of analysis of Spices and Condiments /IS 5453 Part-II	0.1 g/100g to 5 g/100g
		Total nitrogen	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ FSSAI Manual- Method of analysis of Spices and Condiments IS 5453 Part-II	0.1 g/100g to 50 g/100g
		Crude Fiber	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ FSSAI Manual- Method of analysis of Spices and Condiments	0.1 g/100g to 50 g/100g
		Moisture	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ FSSAI Manual- Method of analysis of Spices and Condiments	0.1 g/100g to 30 g/100g
		Alcohol Extract	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ FSSAI Manual- Method of analysis of Spices and Condiments /IS- 7807	0.1 g/100g to 30 g/100g
		Galbnum, Ammoniacum & other foreign resins	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ FSSAI Manual- Method of analysis of Spices and Condiments / IS- 7807	Qualitative (Present /Absent)
		Colophony Resin	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/	Qualitative (Present /Absent)

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			FSSAI Manual- Method of analysis of Spices and Condiments /IS- 7807	
		Microscopic Examination of spices	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ FSSAI Manual- Method of analysis of Spices and Condiments ;	Qualitative (Present /Absent)
		Argemone seeds in mustard	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ FSSAI Manual- Method of analysis of Spices and Condiments	Qualitative (Present /Absent)
		Mineral oil in black pepper	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ FSSAI Manual- Method of analysis of Spices and Condiments	Qualitative (Present /Absent)
		Papaya seeds in black pepper	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ FSSAI Manual- Method of analysis of Spices and Condiments	Qualitative (Present /Absent)
		Turmeric in Chillies and Coriander	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ FSSAI Manual- Method of analysis of Spices and Condiments	Qualitative (Present /Absent)
		Argemone seeds in mustard	FSSAI Manual- Method of analysis of Spices and Condiments / NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018	Qualitative (Present /Absent)
		Oil soluble color	FSSAI Manual- Method of	Qualitative

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			analysis of Spices and Condiments / NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018	(Present /Absent)
		Description: -Appearance -Colour -Flavour	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ IS 5453 Part-II	Qualitative (Present /Absent)
		Rancidity	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ FSSAI Manual- Method of analysis of sugar & confectionary: 2015	Qualitative (Present /Absent)
		Living and dead insects	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ IS1798	Qualitative (Present /Absent)
		Insect Fragments	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ IS 1798	Qualitative (Present /Absent)
		Rodent Contamination	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ IS 1798	Qualitative (Present /Absent)
		Foreign Vegetable Matter	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ IS 1908	0.1 g/100g to 50 g/100g
		Insect damaged Matter	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ IS 4404	0.1 g/100g to 50 g/100g
		Empty and Malformed capsules by count	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ IS 1907	0.1 g/100g to 50 g/100g
		Immature and Shriveled capsules	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ IS 1907	0.1 g/100g to 50 g/100g

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		Light Seeds	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ IS 1907	0.1 g/100g to 50 g/100g
		Unripe and Marked Fruit	NRPL/STP/CH/63.22, Issue No: 1 & Date 25.10.2018/ IS 2323	0.1 g/100g to 50 g/100g
		Tendrils, Mother Cloves	NRPL/STP/CH/63.22, Issue No: 1 & Date 25.10.2018/ IS 4404	0.1 g/100g to 50 g/100g
		Khokar Cloves	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018 IS 4404	0.1 g/100g to 50 g/100g
		Headless Cloves	NRPL/STP/CH/63.22, Issue No: 1 & Date 25.10.2018/ IS 4404	0.1 g/100g to 50 g/100g
		Edible seeds other than fenugreek, cumin etc	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018 IS 3795	0.1 g/100g to 50 g/100g
		Defective seeds	NRPL/STP/CH/63.22, Issue No: 1 & Date 25.10.2018/ IS 3796	0.1 g/100g to 50 g/100g
		Pinheads or Broken Berries	NRPL/STP/CH/63.22, Issue No: 1 & Date 25.10.2018/ IS 1798	0.1 g/100g to 50 g/100g
		Defective Rhizomes	NRPL/STP/CH/63.22, Issue No: 1 & Date 25.10.2018/ IS 2576	0.1 g/100g to 50 g/100g
		Damaged Slices in dried Mango Slices	NRPL/STP/CH/63.22, Issue No: 1 & Date 25.10.2018/ IS 13242	0.1 g/100g to 50 g/100g
		Seed Coatings in dried Mango Slices	NRPL/STP/CH/63.22, Issue No: 1 & Date 25.10.2018/ IS 13242	0.1 g/100g to 50 g/100g

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		Black Berries	NRPL/STP/CH/63.22, Issue No: 1 & Date 25.10.2018 FSSR 2011(2.9.25)/ IS1798	0.1 g/100g to 50 g/100g
		Salt	NRPL/STP/CH/63.22, Issue No: 1 & Date 25.10.2018 IS 1797	0.1 g/100g to 20 g/100g
		Peroxidase test	NRPL/STP/CH/63.22, Issue No: 1 & Date 25.10.2018 FSSAI fruit & vegetable product 2016 Method	Qualitative (Present /Absent)
		Insect Infestation	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018	Qualitative (Present /Absent)
		Mustiness	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018	Qualitative (Present /Absent)
		Split Fruits	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018	Qualitative (Present /Absent)
		Moisture	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ FSSAI Manual- Method of analysis of Spices & Condiments Manual;2016 (17.1) / IS7807	0.1 g/100g to 20 g/100g
		Ash Insoluble in Dil. HCl	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018 FSSAI Manual- Method of analysis of Spices & Condiments Manual,2016 (17.1)/ IS 7807	0.1 g/100g to 20 g/100g
		Alcoholic Extract	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018 FSSAI Manual- Method of analysis of Spices & Condiments Manual, 2016 (17.1)/ IS 7807	0.1 g/100g to 50 g/100g

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		Total Ash	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018 FSSAI Manual- Method of analysis of Spices & Condiments Manual, 2016 / IS 7807	0.1 g/100g to 20 g/100g
		Starch	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018 FSSAI Manual- Method of analysis of Spices & Condiments Manual, 2016 (17.1)/ IS 7807	0.1 g/100g to 20 g/100g
		Galbnum ,Ammoniacum& other foreign resin	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018 FSSAI Manual- Method of analysis of Spices & Condiments Manual, 2016 (17.4)	Qualitative (Present /Absent)
		Moisture	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ IS 7224/ IS 253	0.1 g/100g to 20 g/100g
		Total Chloride/Sodium Chloride	IS 7224 / IS 253/ NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018	1 g/100g to 100 g/100g
		Determination of ferrocyanide	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ IS 7224/ IS 253	Qualitative (Compare colour with std 15 mg/kg)
		Matter insoluble in water	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ IS 7224/ IS 253	0.01 g/100g to 10 g/100g
		Acid insoluble matter in water	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ IS 7224/ IS 253	0.01 g/100g to 10 g/100g
		Matter soluble in water	NRPL/STP/CH/63.22, Issue	0.01 g/100g to 10 g/100g

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		other than Sodium Chloride	No: 1 and Date 25.10.2018/ IS 7224/ IS 253	
		Iodine content	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ IS 7224	0.1 mg/kg to 100 mg/kg
		Calcium	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ IS 253	0.1 g/100g to 50 g/100g
		Magnesium	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ IS 253	0.05 g/100g to 50 g/100g
		Alkalinity	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ IS 253	0.005 g/100g to 50 g/100g
		Sulphate	NRPL/STP/CH/63.22, Issue No: 1 and Date 25.10.2018/ IS 253	0.005 g/100g to 50 g/100g
7.	Cereals and Cereal Products: (Atta, Maida, Suji/Rawa, Food Grain - Wheat, Maize, Jawar, Rice Bajra, Corn Flakes, Corn Flour, Macaroni Products -Pasta Products, Rolled Oats ,Soya Flour, Sesame Flour, Cottonseed Flour, Malted and Malt Based Foods, Starchy Foods-	General Condition (Appearance, Odour)	FSSAI Manual- Method of analysis of Cereal and Cereal Products ; 1.1.2 / NRPL/STP/CH/19;Issue No.01;Issue Date 5.2.2017	Qualitative (Present /Absent)
		Foreign Matter	FSSAI Manual- Method of analysis of Cereal and Cereal Products ; 1.2/ NRPL/STP/CH/19;Issue No.01;Issue Date 5.2.2017	0.1% to 25%
		Mineral Matter	FSSAI Manual- Method of analysis of Cereal and Cereal Products ; 1.3/ NRPL/STP/CH/19;Issue No.01;Issue Date 5.2.2017	0.1% to 25%
		Refractions other than Foreign Matter	FSSAI Manual- Method of analysis of Cereal and	0.1% to 10%

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	Arrowroot, Sago, Bakery Products- Biscuits, Bread, Custard Powder		Cereal Products ; 1.4/ NRPL/STP/CH/19;Issue No.01;Issue Date 5.2.2017	
		Rodent Excreta and Hair	FSSAI Manual- Method of analysis of Cereal and Cereal Products ; 1.5/ NRPL/STP/CH/19;Issue No.01;Issue Date 5.2.2017	Qualitative (Present /Absent)
		Moisture	FSSAI Manual- Method of analysis of Cereal and Cereal Products ;2.0/ IS-1011 / NRPL/STP/CH/19; Issue No.01;Issue Date 5.2.2017/NRPL/STP/CH/04 ;Issue No.03;Issue Date 28.10.2016	0.1% to 20%
		Uric Acid	FSSAI Manual- Method of analysis of Cereal and Cereal Products ; 3.0/ NRPL/STP/CH/19;Issue No.01;Issue Date 5.2.2017	0.001mg/kg to 1 mg/Kg
		Ergot in Food Grains	FSSAI Manual- Method of analysis of Cereal and Cereal Products; 4.0/ NRPL/STP/CH/19;Issue No.01;Issue Date 5.2.2017	Qualitative (Present /Absent)
		Total Ash	FSSAI Manual- Method of analysis of Cereal and Cereal Products; 8.2/ NRPL/STP/CH/20;Issue No.01;Issue Date 5.2.2017	0.1% to 5%
		Ash Insoluble in dilute HCl	FSSAI Manual- Method of analysis of Cereal and Cereal Products; 8.3/IS-1011/ NRPL/STP/CH/20;	0.01% to 5 %

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			Issue No.01;Issue Date 5.2.2017/NRPL/STP/CH/04 ;Issue No. 03;Issue Date28.10.2016	
		Gluten	FSSAI Manual- Method of analysis of Cereal and Cereal Products; 8.4 / NRPL/STP/CH/20, Issue No. 01& Issue Date 05.02.2017	0.1% to 20%
		Alcoholic Acidity	FSSAI Manual- Method of analysis of Cereal and Cereal Products; 8.5/ NRPL/STP/CH/20;Issue No.01;Issue Date 5.2.2017	0.01% to 5%
		Calcium Carbonate in Fortified Atta	FSSAI Manual- Method of analysis of Cereal and Cereal Products; 8.6/ NRPL/STP/CH/20;Issue No.01;Issue Date 5.2.2017	0.1mg/100g to 100 mg/100g
		Crude Fiber	FSSAI Manual- Method of analysis of Cereal and Cereal Products; 8.8 / NRPL/STP/CH/20;Issue No.01;Issue Date 5.2.2017	0.1% to 10 %
		Riboflavin in Maida	FSSAI Manual- Method of analysis of Cereal and Cereal Products;8.5/ NRPL/STP/CH/23;Issue No.01;Issue Date 5.2.2017	5.0 mg/kg to 1000 mg/Kg
		Thiamine mononitrate in Maida	FSSAI Manual- Method of analysis of Cereal and Cereal Products ; 8.5/ NRPL/STP/CH/23;Issue	5.0mg/kg to 1000 mg/Kg

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			No.01; Issue Date 5.2.2017	
		Total Ash excluding Sodium Chloride	FSSAI Manual- Method of analysis of Cereal and Cereal Products ;16.2 / NRPL/STP/CH/24; Issue No.01; Issue Date 5.2.2017	0.01% to 5%
		Alcoholic Acidity	FSSAI Manual- Method of analysis of Cereal and Cereal Products ; 15.3/ NRPL/STP/CH/24; Issue No.01; Issue Date 5.2.2017	0.01% to 5%
		Acid Insoluble Ash	FSSAI Manual- Method of analysis of Cereal and Cereal Products ;15.4/ IS-1011/ NRPL/STP/CH/25; Issue No.01 Date 5.2.2017/ NRPL/STP/CH/04 ; Issue No. 03; Issue Date 28.10.2016	0.01% to 10 %
		Acidity of Extracted Fat	FSSAI Manual- Method of analysis of Cereal and Cereal Products ; 14.5/ NRPL/STP/CH/04; Issue No. 03; Issue Date 28.10.2017	0.01% to 5%
		Mass of 1000 grains	NRPL/STP/CH/53.22, Issue No: 1 and Date 25.10.2018/ IS 4333 (Part 4) / ISO 520	(0.1 to 100) g/1000 grains
		Fat	NRPL/STP/CH/53.22, Issue No: 1 and Date 25.10.2018/ AOAC, 20th Ed., 2016, Method 922.06, Ch-32 / IS 15271	0.1 g/100g to 50 g/100g
		Cocoa powder (in	NRPL/STP/CH/53.22, Issue	0.1 g/100g to 50 g/100g

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		malted foods)	No: 1 and Date 25.10.2018 FSSAI Lab Manual (17.2), 2016	
		Microscopic Determination	NRPL/STP/CH/53.22, Issue No: 1 and Date 25.10.2018 FSSAI Lab Manual (13), 2016/ IS 2400	Qualitative (Present /Absent)
		Blemishes	NRPL/STP/CH/53.22, Issue No: 1 and Date 25.10.2018	Qualitative (Present /Absent)
		Peroxidase Test	NRPL/STP/CH/53.22, Issue No: 1 and Date 25.10.2018 FSSAI Lab Manual (17.5), 2016	Qualitative (Present /Absent)
		Other edible grains	NRPL/STP/CH/53.22, Issue No: 1 and Date 25.10.2018 IS 4333 (Part I)	0.1 g/100g to 99 g/100g
		Insects/larvae	NRPL/STP/CH/53.22, Issue No: 1 and Date 25.10.2018/ IS 4333 (Part I)	Qualitative (Present /Absent)
		Detection of kesari dal powder in besan	NRPL/STP/CH/53.22, Issue No: 1 and Date 25.10.2018/ FSSAI Manual- Method of analysis of Cereal and cereal products; 11.0	Qualitative (Present /Absent)
		Determination of Talc in rice and pulses	NRPL/STP/CH/53.22, Issue No: 1 and Date 25.10.2018/ FSSAI Manual- Method of analysis of Cereal and cereal products; 12.0	0.001 g/100g to 0.2g /100g
		Total solids	NRPL/STP/CH/53.22, Issue No: 1 and Date 25.10.2018/ FSSAI Manual- Method of analysis of Cereal and cereal products	0.1 g/100g to 99 g/100g

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		Determination of synthetic colour in cake ,etc.	NRPL/STP/CH/53.22, Issue No: 1 and Date 25.10.2018/ FSSAI Manual- Method of analysis of Cereal and cereal products	0.1 to 100 mg/kg
		Dietary Fibers	NRPL/STP/CH/53.22, Issue No: 1 and Date 25.10.2018/ IS 12711	0.1 g/100g to 20 g/100g
8.	Alcoholic Beverages :	Ethyl Alcohol Content	FSSAI Alcoholic Beverages 2.1/NRPL/STP/CH/18;Issue No.01;Issue Date 5.2.2017	0.1% to 60%
a.	Wine, Vodaka, Gin, Whisky, Rum, Brandy	Residue on Evaporation	FSSAI Alcoholic Beverages 3.0/ NRPL/STP/CH/18; Issue No.01;Issue Date 5.2.2017	0.01% to 20%
		Total Acidity	FSSAI Alcoholic Beverages 4.1/NRPL/STP/CH/18; Issue No.01;Issue Date 5.2.2017	0.1g/l to 50g/l
		Volatile Acidity	FSSAI Alcoholic Beverages 5.0/ NRPL/STP/CH/18; Issue No.01;Issue Date 5.2.2017	0.1g/l to 50 g/l
		Ester	FSSAI Alcoholic Beverages 6.0/NRPL/STP/CH/18; Issue No. 01; Issue Date 05.02.2017	0.1g/100L to 500g/100 L
		Higher Alcohols	FSSAI Alcoholic Beverages 7.1/NRPL/STP/CH/18; Issue No.01;Issue Date 5.2.2017	0.01g/100L to 200g/100 L
		Iso propyl alcohol		0.01g/100L to 200g/100 L
		Isoamyl Alcohol		0.01g/100L to 200g/100 L
		Butanol		0.01g/100L to 200g/100 L
		Aldehydes	FSSAI Alcoholic Beverages 8.0/ NRPL/STP/CH/18; Issue No.01;Issue Date	0.1g/100L to 200g/100 L

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			5.2.2017	
		Furfural	FSSAI Alcoholic Beverages 9.0/ NRPL/STP/CH/18; Issue No.01; Issue Date 5.2.2017	0.01g/100L to 200g/100 L
		Copper	FSSAI Alcoholic Beverages 10.0/NRPL/STP/CH/18; Issue No. 01; Issue Date 05.02.2017	4.0 mg/l To 100.0 mg/l
		Iron	FSSAI Alcoholic Beverages 10.0/NRPL/STP/CH/18; Issue No. 01; Issue Date 05.02.2017	18.0 mg/l To 100.0 mg/l
		Methyl Alcohol	FSSAI Alcoholic Beverages 11.0/ NRPL/STP/CH/18; Issue No. 01; Issue Date 05.02.2017	0.5 g/l to 20 g/l
		Sulphur Dioxide	FSSAI Alcoholic Beverages 12.0/ NRPL/STP/CH/38; Issue No. 01; Issue Date 05.02.2017	0.10 mg/kg to 500 mg/kg
		Tannins	FSSAI Alcoholic Beverages 13.0/ NRPL/STP/CH/38; Issue No. 01; Issue Date 05.02.2017	0.01g/l to 50g/l
		Total dry extract	FSSAI Alcoholic Beverages 14.0/ NRPL/STP/CH/38; Issue No. 01; Issue Date 05.02.2017	1.0% to 50%
		Reducing Sugar	IS 15279/NRPL/STP/CH/38 Issue No. 01; Issue Date 05.02.2017	0.1% to 10%
		pH	IS 3025 (Part-11) / NRPL/STP/CH/38;	1 to 14

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			Issue No. 01; Issue Date 05.02.2017	
		Free Sulphur dioxide	NRPL/STP/CH/58.22, Issue No: 1 and Date 25.10.2018/ IS 7585	0.1 mg/l to 500 mg/l
		Total Sulphur Dioxide		0.1 mg/l to 500 mg/l
		Carbohydrate	NRPL/STP/CH/58.22, Issue No: 1 and Date 25.10.2018	0.5 g/100 ml to 5 g/100 ml
		Energy value (Calories)		0.5 kcal/100 ml to 500 kcal/100 ml
b.	Non-Alcoholic Carbonated Beverages	Caffeine	NRPL/STP/CH/88.22, Issue No: 1 and Date 25.10.2018/ FSSAI Lab Manual (3.5.4), 2016	5 mg/l to 1000 mg/l
9.	Fruits and Vegetables: Thermally & Non Thermally Processed Fruits and Vegetables Canned / Bottled/ Flexibly/Package, Juices/Fruit Beverages/Fruit Drinks and Nectars, Aseptically Packaged & Processed Puree Poly Packed, Squashes, Crushes, Fruit Syrups/ Sharbats, Synthetic Syrup, Ginger Cocktail, - fresh and processed Fruits	Physical examination	FSSAI Manual- Method of analysis of Fruits and Vegetable Products ;1.1/ NRPL/STP/CH/27,29 ,30,31, 32; Issue No. 01; Issue Date 05.02.2017 / NRPL/STP/CH/51; Issue No. 01; Issue Date 28.09.2017	Qualitative
		Vacuum	FSSAI Manual- Method of analysis of Fruits and Vegetable Products;1.2/NRPL/STP/CH/27, 29 to 32,5130,31, 32; Issue No. 01; Issue Date 05.02.2017 NRPL/STP/CH/51; Issue No. 01; Issue Date 28.09.2017	Qualitative
		Fill of Container	FSSAI Manual- Method of analysis of Fruits and Vegetable Products;1.3/	Qualitative

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	and Vegetables: Thermally & Non Thermally Processed Fruits and Vegetables Canned / Bottled/ Flexibly/Package, Juices/Fruit Beverages/Fruit Drinks and Nectars, Aseptically Packaged & Processed Puree Poly Packed, Squashes, Crushes, Fruit Syrups/ Sharbats, Synthetic Syrup, Ginger Cocktail Vinegar, Table olives		NRPL/STP/CH/27, 29, 30, 31, 32/Issue No. 01; Issue Date 05.02.2017 NRPL/STP/CH/51; Issue No. 01; Issue Date 28.09.2017	
		Drained weight	FSSAI Manual- Method of analysis of Fruits and Vegetable Products ; 1.4/ NRPL/STP/CH/27, 29, 30, 31, 32/Issue No. 01; Issue Date 05.02.2017	1% to 75%
		Internal condition of the can		Qualitative
		Soluble Solids		1% to 95%
		Sodium Chloride	NRPL/STP/CH/51; Issue No. 01; Issue Date 28.09.2017	0.1% to 20%
		Total Solids (Insoluble Matter Absent)	FSSAI Manual- Method of analysis of Fruits and Vegetable Products ;1.4 / NRPL/STP/CH/27, 29, 30, 31, 32 ;Issue No. 01; Issue Date 05.02.2017 / NRPL/STP/CH/51;	0.1% to 20%
		Total Soluble Solids		1% to 95%
		pH		1 to 14
		Titratable Acidity (as Citric Acid Monohydrate & Anhydrous)	Issue Date 05.02.2017 / NRPL/STP/CH/51;	0.01% to 10%
		Volatile Acids	Issue No. 01; Issue Date 28.09.2017	0.01% to 10%
		Ethanol Content		0.01% to 10%
		Fruit Content		0.1% to 95%
		Total Soluble Solids free of added Salts		1% to 95%
			Coloring matter	FSSAI Manual- Method of analysis of Fruits and Vegetable Products ;16.5/FSSAI Food Additive (4.2.7) /NRPL/STP/CH/31; Issue No. 01; Issue Date 05.02.2017

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Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
		Acidity of Vinegar	FSSAI Manual- Method of analysis of Fruits and Vegetable Products;1.4/ NRPL/ STP/ CH/27, 29, 30, 31, 32/ Issue No. 01;Issue Date 05.02.2017 / NRPL/STP/CH/51; Issue No. 01;Issue Date 28.09.2017	0.01% to 10%
		Peroxidase	NRPL/STP/CH/88.22, Issue No: 1 and Date 25.10.2018	Qualitative (Present /Absent)
		Mineral impurities		Qualitative (Present /Absent)
		Test of presence of caramel		Qualitative (Present /Absent)
		Test of presence of Mineral acid		Qualitative (Present /Absent)
		Total ash		0.1 g/100g to 20 g/100g
		Acidity		0.1 g/100g to 20 g/100 g
		Phosphorous		0.001 mg/kg to 100 mg/kg
		Total Nitrogen		0.1 mg/kg to 100 mg/kg
		Total Solids		0.05 mg/kg to 10g/100g
10.	Others (specified Food & agricultural products)			
a.	Nutritional Analysis: Milk & Milk Products- Milk , Whey Powder, Shrikhand,Cereal Based Weaning food,processed cereal based weaning food,	Fat	AOAC 20 th edition; 925.40/ NRPL/STP/CH/21;Issue No. 01/Issue Date 05.02.2017	0.1% to 70 %
		Carbohydrate	IS1656/ NRPL/STP/CH/22 Issue No. 01; Issue Date.05.02.2017	1g/100g to 90g/100g
		Protein	IS:7219/NRPL/STP/CH/21; Issue No. 01; Issue Date.05.02.2017	0.1% to 50 %
		Energy	IS 9487/ NRPL/STP/CH/22	1.0 Kcal/100g to 700

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	yoghurt,Dahi, Cheese,Paneer,		Issue No. 01; Issue Date.05.02.2017	Kcal/100g
	Ice-Cream, Condensed /Evaporated Powder, Cereal & Cereal products- Atta, Maida, Suji/Rawa, Food Grain - Wheat, Maize, Jawar, Rice Bajra, Corn Flakes, Corn Flour, Macaroni	Sucrose	FSSAI Milk and Milk Products:1.2.1/IS 1479 Part-1 /NRPL/STP/CH/08; Issue No. 01;Issue Date05.02.2017	Qualitative (Present /Absent)
	Products -Pasta Products, Rolled Oats , Soya Flour, Sesame Flour, Cottonseed Flour, Malted and Malt Based Foods, Starchy Foods- Arrowroot, Sago, Bakery Products- Biscuits, Bread, Custard Powder, Nut & Nut Products- Almond,Ground nut,cashew, Pistachios,Walnut ,Reasins, Dates ,Dried Figs,	Total sugar	FSSAI Manual- Method of analysis of FruitsI and Vegetable Products; 2.6/ NRPL/STP/CH/27, 29,30, 31,32 ;Issue No. 01& Issue Date05.02.2017 NRPL/STP/CH/51; Issue No. 01; Issue Date28.09.2017	0.1% to 95 %
		Total Milk Solid Sweetened with cane sugar	FSSAI Milk and Milk Products ;4.5/ NRPL/STP/CH/09; Issue No. 01; Issue Date05.02.2017	1% to 25 %
		Total reducing sugar & sucrose	FSSAI Beverages, Sugar and Confectionery Product 2016;s;6.4,C9,7.8/ NRPL/STP/CH/15,16,17; Issue No. 01;Issue Date05.02.2017	0.1% to 95 %
		Ascorbic Acid	FSSAI Manual- Method of analysis of FruitsI and Vegetable Products; 2.8 / NRPL/STP/CH/27, 29,30, 31, 32;Issue No. 01; Issue Date05.02.2017 NRPL/STP/CH/51; Issue No. 01/Issue	0.1 mg/100ml to 1000 mg/100ml

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	Apricot Sugar beverages ,confectionary products Agricultural Product- Fresh & Processed Fruits and Vegetable		Date28.09.2017	
b.	Fatty Acid Profile :	Palmitic acid	FSSAI Oils and Fats;11.0/	0.01% to 5%
		Ricinoleic Acid	NRPL/STP/CH/26;	0.01% to 5%
		Oleic Acid	Issue No. 01; Issue	0.01% to 5%
		Lauric Acid	Date05.02.2017	0.01% to 5%
	(Ghee, Oils Of Nut & Nut Products Nut & Nuts Products & Soyabean Oil , Sunflower Oil, Cocount Oil, Mustard Oil, Groundnut Oil, Palm Oil, Sesame Oil, Castor Oil, Olive Oil, Ricebran Oil, Cotton Seed Oil , Rapseed Oil, Almond Oil, Walnut Oil, Cashew Nut Oil)	Fatty Acid Profile :		
		Saturated Fatty acids (SAFA)	FSSAI Oils and Fats 2016;21.0/	0.015% to 100%
		Mono Unsaturated Fatty acids (MUFA)	AOAC 19 th Edition; 963.22/ NRPL/STP/CH/26;	0.01% to 100%
		Poly Unsaturated Fatty acid (PUFA)	Issue No. 01; Issue Date.05.02.2017	0.01% to 100%
		Trans-fatty acids		0.015 to 100%
c.	Food Additives/Preserv atives in Food :	BHA	NRPL/STP/CH/68, Issue No: 1 and Date 25.10.2018	5 mg/kg to 1000 mg/kg
		BHT	AOAC Official Method 983.15 /FSSAI Manual of Food Additives 2016	5 mg/kg to 1000 mg/kg
	Milk & Milk	TBHQ		5 mg/kg to 1000 mg/kg

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	Products, Cereal & Cereal products, Nut & Nut Products, Spices & condiments, ready to eat food, Edible Oil, Alcoholic & non-alcoholic beverages, oil & Fats, Sugar beverages, confectionary products, Agricultural Product, Fresh & Processed Fruits and Vegetable, Related Products	Benzoic Acid	NRPL/STP/CH/67, Issue No: 1 and Date 25.10.2018	20 mg/kg to 1000 mg/kg		
		Sorbic Acid		20 mg/kg to 1000 mg/kg		
		Added Synthetic colour	FSSAI Manual of Food Additive 2016 ,Method No.04	0.1 mg/kg to 100 mg/kg		
		Naturally Occurring Toxic Substances (NOTS);				
		Agaric acid	NRPL/STP/CH/95, Issue No: 1 and Date 25.10.2018	1 mg/kg to 100 mg/kg		
		Hydrocyanic acid	AOAC Official method 915.03/ FSSAI Manual of Cereal & cereal product 2016 method no. 05	5 mg/kg to 100 mg/kg		
		Hypericine	NRPL/STP/CH/68, Issue No: 1 and Date 25.10.2018	1 mg/kg to 100 mg/kg		
		Saffrole	NRPL/STP/CH/94, Issue No: 1 and Date 25.10.2018/ AOAC Official method 969.13	3 mg/kg to 100 mg/kg		
		Aflatoxin-B1	NRPL/STP/CH/81, Issue No: 1 and Date 25.10.2018/ AOAC Official Method 999.07	0.5 µg/kg to 100.00 µg/kg		
		Aflatoxin-B2		0.5 µg/kg to 100.00 µg/kg		
		Aflatoxin-G1		0.5 µg/kg to 100.00 µg/kg		
		Aflatoxin-G2		0.5 µg/kg to 100.00 µg/kg		
II.	RESIDUES IN FOOD PRODUCTS					
1.	Trace metal residues in Food :					
a.	Milk/Dairy Products	Zinc	NRPL/STP/ CH-83; Issue No: 1 & Date : 15.08.2018	1 mg/100g to 500 mg/100g		
		Copper		(0.1 to 500) mg/100g		
		Lead		0.01 mg/l to 5 mg/l		
		Arsenic		0.01 mg/l to 5 mg/l		
		Molybdenum		0.05 mg/l to 5 mg/l		
		Cadmium		0.025 mg/l to 5 mg/l		
		Tin		0.05 mg/l to 5 mg/l		

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		Nickel		0.05 mg/l to 5 mg/l	
		Mercury		0.05 mg/l to 5 mg/l	
		Manganese		0.05 mg/l to 5 mg/l	
b.	Sugar & Confectionary Products	Lead	NRPL/STP/CH/17; Issue No. 01; Issue date .05.02.2017	0.6 mg/kg to 10.0 mg/kg	
		Copper		1.0mg/kg to 100 mg/kg	
		Zinc		5.0mg/kg to 100 mg/kg	
			Cu	NRPL/STP/CH/88.22, Issue No: 1 and Date 25.10.2018/ FSSAI Beverages, Sugar and Confectionery Product 2015	0.02 mg/kg to 100 mg/kg
			Zn		0.1 mg/kg to 100 mg/kg
			Arsenic		0.05 mg/kg to 5 mg/kg
			Cadmium		0.05 mg/kg to 5 mg/kg
			Tin		0.1 mg/kg to 100 mg/kg
			Mercury		0.05 mg/kg to 5 mg/kg
		Lead	0.05 mg/kg to 50 mg/kg		
c.	Precessed food (Ready to Eat Food -Namkins, Noddles and Proprietary food)	Copper	NRPL/STP/CH/92.22, Issue No: 1 and Date 25.10.2018/ AOAC Official method 2013.06		0.5 mg/kg to 5 mg/kg
		Arsenic		0.05 mg/kg to 5 mg/kg	
		Cadmium		0.025 mg/kg to 5 mg/kg	
		Tin		0.05 mg/kg to 5 mg/kg	
		Lead		0.05 mg/kg to 5 mg/kg	
		Mercury	0.05 mg/kg to 5 mg/kg		
d.	Spices and Condiments:	Arsenic	NRPL/STP/CH/84.22, Issue No: 1 and Date 25.10.2018 AOAC Official method 2013.06	0.05 mg/kg to 5mg/kg	
		Cadmium		0.025 mg/kg to 5mg/kg	
		Tin		0.05 mg/kg to 5mg/kg	
		Mercury		0.05 mg/kg to 5mg/kg	
		Lead	0.05 mg/kg to 5mg/kg		
e.	Cereals and Cereal Products:	Cadmium	NRPL/STP/CH/87.22, Issue No: 1 and Date 25.10.2018/ AOAC Official method 2013.06	0.025 mg/kg to 5mg/kg	
		Tin		0.05 mg/kg to 5mg/kg	
		Lead		0.05 mg/kg to 5mg/kg	
		Copper		0.5 mg/kg to 5mg/kg	
		Zinc		0.05 mg/kg to 5mg/kg	
		Arsenic	0.05 mg/kg to 5mg/kg		
f.	Alcoholic	Arsenic	NRPL/STP/CH/88.22, Issue	0.05 mg/l to 5 mg/l	

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	Beverages : Wine, Vodaka, Gin, Whisky, Rum, Brandy	Lead	No: 1 and Date 25.10.2018/ AOAC Official method 2013.06	0.05 mg/l to 5 mg/l
		Cadmium		0.025 mg/l to 5 mg/l
		Tin		0.05 mg/l to 5 mg/l
		Mercury		0.05 mg/l to 5 mg/l
g.	Fruits and Vegetables Products	Tin	NRPL/STP/CH/45 ; Issue No. 01; Issue Date12.06.2017	1.0 mg/kg to 100 mg/kg
		Zinc		2.0 mg/kg to 100mg/kg
		Copper		1.0 mg/kg to 500mg/kg
		Cadmium		0.5 mg/kg to 50.0 mg/kg
		Mercury		0.80 mg/kg to 10.0 mg/kg
		Lead		0.70 mg/kg to 50.0 mg/kg
		Arsenic		0.10 mg/kg to 10.0 mg/kg
		Tin	NRPL/STP/CH/89 ; Issue No. 01; Issue Date25.10.2018	0.05 mg/kg to 5 mg/kg
		Lead		0.05 mg/kg to 5 mg/kg
		Copper		0.5 mg/kg to 5 mg/kg
	Arsenic	0.05 mg/kg to 5 mg/kg		
	Mercury		0.05 mg/kg to 5 mg/kg	
2.	Mycotoxin residues in Food			
a.	Milk/Dairy Products	Aflatoxin M1	NRPL/STP/CH/52.22, Issue No: 1 and Date 25.10.2018 ELISA Method	0.005 µg/kg to 50 µg/kg
3.	Residues In Food Products (others) –Illegal dyes			
a.	Spices and Condiments	Sudan-I	NRPL/STP/CH/72.22, Issue No: 1 and Date 25.10.2018 FSSAI Manual of Food Additive 2016,4.4	0.01 mg/kg to 1.0 mg/kg
		Sudan-II		0.01 mg/kg to 1.0 mg/kg
		Sudan-III		0.01 mg/kg to 1.0 mg/kg
		Sudan-IV		0.01 mg/kg to 1.0 mg/kg
4.	Pesticide Residues in Food Products			
a.	Fruits & Vegetables (Chilli,Cauliflower, Brinjals, Beans,Capsicum, BittarGuard,Bottal	Abamectin	NRPL/STP/CH/42; Issue No. 01; Issue Date12.06.2017	0.01 mg/kg to 5.0 mg/kg
		Acephate		0.01 mg/kg to 5.0 mg/kg
		Acetamiprid		0.01 mg/kg to 5.0 mg/kg
		Alachlor		0.01 mg/kg to 5.0 mg/kg
		Ametoctadrin		0.01 mg/kg to 5.0 mg/kg
		Atrazine		0.01 mg/kg to 5.0 mg/kg

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	Guard, Curry Leaves, Baby Corn, Cucurbits, Mango, Apple, Guava, Papaya, Banana, Oranges)	Azoxystrobin		0.01 mg/kg to 5.0 mg/kg
		Benalaxyl		0.01 mg/kg to 5.0 mg/kg
		Benalaxyl M		0.01 mg/kg to 5.0 mg/kg
		Bendiocarb		0.01 mg/kg to 5.0 mg/kg
		Bifenazate		0.01 mg/kg to 5.0 mg/kg
		Buprofezin		0.01 mg/kg to 5.0 mg/kg
		Butachlor		0.01 mg/kg to 5.0 mg/kg
		Carbaryl		0.01 mg/kg to 5.0 mg/kg
		Carbendazim		0.01 mg/kg to 5.0 mg/kg
		Carboxin		0.01 mg/kg to 5.0 mg/kg
		Cartap HCL		0.01 mg/kg to 5.0 mg/kg
		Chlorantraniliprole		0.01 mg/kg to 5.0 mg/kg
		Chlorpyrifos		0.01 mg/kg to 5.0 mg/kg
		Clothinidin		0.01 mg/kg to 5.0 mg/kg
		Cyantraniliprole		0.01 mg/kg to 5.0 mg/kg
		Cyazofamid		0.01 mg/kg to 5.0 mg/kg
		Cymoxanil		0.01 mg/kg to 5.0 mg/kg
		Demeton s methyl sulfone		0.01 mg/kg to 5.0 mg/kg
		Diazinone		0.01 mg/kg to 5.0 mg/kg
		Difenconazole		0.01 mg/kg to 5.0 mg/kg
	Diflubenzuron		0.01 mg/kg to 5.0 mg/kg	
	Difenthiuron		0.01 mg/kg to 5.0 mg/kg	
	Dimethoate		0.01 mg/kg to 5.0 mg/kg	
	Dimethomorph		0.01 mg/kg to 5.0 mg/kg	
	Dinotefuran		0.01 mg/kg to 5.0 mg/kg	
	Diuron		0.01 mg/kg to 5.0 mg/kg	
	Dodine		0.01 mg/kg to 5.0 mg/kg	
	Edifenphos		0.01 mg/kg to 5.0 mg/kg	
	Emamectin benzoate		0.01 mg/kg to 5.0 mg/kg	
	Ethion		0.01 mg/kg to 5.0 mg/kg	
	Etoxazole		0.01 mg/kg to 5.0 mg/kg	
	Etrimphos		0.01 mg/kg to 5.0 mg/kg	

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		Famoxadone		0.01 mg/kg to 5.0 mg/kg
		Fenamidone		0.01 mg/kg to 5.0 mg/kg
		Fenazaquin		0.01 mg/kg to 5.0 mg/kg
		Fenobucarb		0.01 mg/kg to 5.0 mg/kg
		Fenpyroximate		0.01 mg/kg to 5.0 mg/kg
		Fenthion sulfone	NRPL/STP/CH/42; Issue No. 01; Issue Date 12.06.2017	0.01 mg/kg to 5.0 mg/kg
		Fenthion sulfoxide		0.01 mg/kg to 5.0 mg/kg
		Fenthion		0.01 mg/kg to 5.0 mg/kg
		Flonicamide		0.01 mg/kg to 5.0 mg/kg
		Flubendiamide		0.01 mg/kg to 5.0 mg/kg
		Flufancet		0.01 mg/kg to 5.0 mg/kg
		Flufenoxuron		0.01 mg/kg to 5.0 mg/kg
		Flufenzin		0.01 mg/kg to 5.0 mg/kg
		Fluopicolide		0.01 mg/kg to 5.0 mg/kg
		Fluopyram		0.01 mg/kg to 5.0 mg/kg
		Flusilazole		0.01 mg/kg to 5.0 mg/kg
		Fluxapyroxad		0.01 mg/kg to 5.0 mg/kg
		Forchlorfenuron		0.01 mg/kg to 5.0 mg/kg
		Hexaconazole		0.01 mg/kg to 5.0 mg/kg
		Hexythiozox		0.01 mg/kg to 5.0 mg/kg
		Imidacloprid		0.01 mg/kg to 5.0 mg/kg
		Indoxocarb		0.01 mg/kg to 5.0 mg/kg
		Iodosulfuran		0.01 mg/kg to 5.0 mg/kg
		Iprobenfos		0.01 mg/kg to 5.0 mg/kg
		Iprovalicarb		0.01 mg/kg to 5.0 mg/kg
		Isoprothiolane		0.01 mg/kg to 5.0 mg/kg
		Isoproturon		0.01 mg/kg to 5.0 mg/kg
		Kresoxym methyl		0.01 mg/kg to 5.0 mg/kg
		Linuron		0.01 mg/kg to 5.0 mg/kg
		Lufenuron		0.01 mg/kg to 5.0 mg/kg
		Malathion		0.01 mg/kg to 5.0 mg/kg
		Malaxon		0.01 mg/kg to 5.0 mg/kg
		Mandipromide		0.01 mg/kg to 5.0 mg/kg

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		Metalaxyl		0.01 mg/kg to 5.0 mg/kg
		Metalaxyl-M		0.01 mg/kg to 5.0 mg/kg
		Methamidophos		0.01 mg/kg to 5.0 mg/kg
		Methomyl		0.01 mg/kg to 5.0 mg/kg
		Metalachlor		0.01 mg/kg to 5.0 mg/kg
		S- metalachlor	NRPL/STP/CH/42; Issue No. 01; Issue Date 12.06.2017	0.01 mg/kg to 5.0 mg/kg
		Metraphenone		0.01 mg/kg to 5.0 mg/kg
		Metribuzine		0.01 mg/kg to 5.0 mg/kg
		Milbemectin A3		0.01 mg/kg to 5.0 mg/kg
		Milbemectin A4		0.01 mg/kg to 5.0 mg/kg
		Monocrotophos		0.01 mg/kg to 5.0 mg/kg
		Myclobutanil		0.01 mg/kg to 5.0 mg/kg
		Novaluron		0.01 mg/kg to 5.0 mg/kg
		Omethoate		0.01 mg/kg to 5.0 mg/kg
		Oxidazone		0.01 mg/kg to 5.0 mg/kg
		Oxamyl		0.01 mg/kg to 5.0 mg/kg
		Oxycarboxine		0.01 mg/kg to 5.0 mg/kg
		Oxydemeton methyl		0.01 mg/kg to 5.0 mg/kg
		Paclobutrazole		0.01 mg/kg to 5.0 mg/kg
		Penconazole		0.01 mg/kg to 5.0 mg/kg
		Pencycuron		0.01 mg/kg to 5.0 mg/kg
		Pendimethalin		0.01 mg/kg to 5.0 mg/kg
		Phenthoate		0.01 mg/kg to 5.0 mg/kg
		Phorate sulfoxide		0.01 mg/kg to 5.0 mg/kg
		Phorate sulfone		0.01 mg/kg to 5.0 mg/kg
		Phosalone		0.01 mg/kg to 5.0 mg/kg
		Phosphomidon		0.01 mg/kg to 5.0 mg/kg
		Pirimiphos-methyl		0.01 mg/kg to 5.0 mg/kg
		Profenfos		0.01 mg/kg to 5.0 mg/kg
		Propamocarb		0.01 mg/kg to 5.0 mg/kg
		Propanil		0.01 mg/kg to 5.0 mg/kg
		Propargite		0.01 mg/kg to 5.0 mg/kg
		Propiconazole		0.01 mg/kg to 5.0 mg/kg

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		Propoxeur		0.01 mg/kg to 5.0 mg/kg
		Pyraclostrobin		0.01 mg/kg to 5.0 mg/kg
		Pyridaben	NRPL/STP/CH/42; Issue No. 01; Issue Date 12.06.2017	0.01 mg/kg to 5.0 mg/kg
		Quinalphos		0.01 mg/kg to 5.0 mg/kg
		Simazine		0.01 mg/kg to 5.0 mg/kg
		Spinosad A		0.01 mg/kg to 5.0 mg/kg
		Spinosyn D		0.01 mg/kg to 5.0 mg/kg
		Spirodiclofen		0.01 mg/kg to 5.0 mg/kg
		Spiromesifen		0.01 mg/kg to 5.0 mg/kg
		Tebuconazole		0.01 mg/kg to 5.0 mg/kg
		Temephos		0.01 mg/kg to 5.0 mg/kg
		Tetraconazole		0.01 mg/kg to 5.0 mg/kg
		Thiacloprid		0.01 mg/kg to 5.0 mg/kg
		Thiobencarb		0.01 mg/kg to 5.0 mg/kg
		Thiodicarb		0.01 mg/kg to 5.0 mg/kg
		Thiomethaxam		0.01 mg/kg to 5.0 mg/kg
		Thiometon		0.01 mg/kg to 5.0 mg/kg
		Thiophenate methyl		0.01 mg/kg to 5.0 mg/kg
		Traidemefon		0.01 mg/kg to 5.0 mg/kg
		Triademenol		0.01 mg/kg to 5.0 mg/kg
		Triazophos		0.01 mg/kg to 5.0 mg/kg
		Tricyclazole		0.01 mg/kg to 5.0 mg/kg
		Tridemorph		0.01 mg/kg to 5.0 mg/kg
		Trifloxystrobin		0.01 mg/kg to 5.0 mg/kg
		Trychlorfon		0.01 mg/kg to 5.0 mg/kg
		Carbosulfan		0.01 mg/kg to 5.0 mg/kg
		Carbofuran		0.01 mg/kg to 5.0 mg/kg
		3-hydroxy carbofuron		0.01 mg/kg to 5.0 mg/kg
		Dichlorvos	NRPL/STP/CH/43; Issue No. 01; Issue Date 28.09.2017	0.01 mg/kg to 5.0 mg/kg
		4-bromo 2-chlorophenol		0.01 mg/kg to 5.0 mg/kg
		Captafol		0.01 mg/kg to 5.0 mg/kg
		Captan		0.01 mg/kg to 5.0 mg/kg

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		Trifluralin		0.01 mg/kg to 5.0 mg/kg
		Bendiocarb		0.01 mg/kg to 5.0 mg/kg
		Phorate		0.01 mg/kg to 5.0 mg/kg
		Bhc-alpha (benzene hexachloride)		0.01 mg/kg to 5.0 mg/kg
		Dazomet		0.01 mg/kg to 5.0 mg/kg
		Propetamphos		0.01 mg/kg to 5.0 mg/kg
		BHC-beta		0.01 mg/kg to 5.0 mg/kg
		BHC-gamma (lindane, gamma hch)		0.01 mg/kg to 5.0 mg/kg
		Chlorothalonil		0.01 mg/kg to 5.0 mg/kg
		BHC-delta		0.01 mg/kg to 5.0 mg/kg
		Parathion-methyl		0.01 mg/kg to 5.0 mg/kg
		Chlorpyrifos-methyl		0.01 mg/kg to 5.0 mg/kg
		Transfluthrin		0.01 mg/kg to 5.0 mg/kg
		Paroxon methyl		0.01 mg/kg to 5.0 mg/kg
		Heptachlor		0.01 mg/kg to 5.0 mg/kg
		Fenitrothion		0.01 mg/kg to 5.0 mg/kg
		Phorate sulfoxide		0.01 mg/kg to 5.0 mg/kg
		Phorate sulfone		0.01 mg/kg to 5.0 mg/kg
		Chlorpyrifos		0.01 mg/kg to 5.0 mg/kg
		Parathion ethyl		0.01 mg/kg to 5.0 mg/kg
		Dicofol		0.01 mg/kg to 5.0 mg/kg
		Tetraconazole		0.01 mg/kg to 5.0 mg/kg
		Aldrin		0.01 mg/kg to 5.0 mg/kg
		Heptachlor exo-epoxide isomer		0.01 mg/kg to 5.0 mg/kg
		Chlorfenvinphos		0.01 mg/kg to 5.0 mg/kg
		Bioallethrin		0.01 mg/kg to 5.0 mg/kg
		Allethrin		0.01 mg/kg to 5.0 mg/kg
		Chlordane-trans (gamma)		0.01 mg/kg to 5.0 mg/kg
		Endosulfan i (alpha isomer)		0.01 mg/kg to 5.0 mg/kg

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		Cis-chlordane		0.01 mg/kg to 5.0 mg/kg
		DDT-p,p'		0.01 mg/kg to 5.0 mg/kg
		DDE-p,p'		0.01 mg/kg to 5.0 mg/kg
		Oxyfluorfen		0.01 mg/kg to 5.0 mg/kg
		Dieldrin		0.01 mg/kg to 5.0 mg/kg
		Endrin		0.01 mg/kg to 5.0 mg/kg
		Chlorfenapyr		0.01 mg/kg to 5.0 mg/kg
		Endosulfan II (beta)	NRPL/STP/CH/43; Issue No. 01; Issue Date 28.09.2017	0.01 mg/kg to 5.0 mg/kg
		DDT-o,p'		0.01 mg/kg to 5.0 mg/kg
		DDD-p,p'		0.01 mg/kg to 5.0 mg/kg
		Endosulfan sulphate		0.01 mg/kg to 5.0 mg/kg
		Iprodione		0.01 mg/kg to 5.0 mg/kg
		Bifenthrin		0.01 mg/kg to 5.0 mg/kg
		Fenpropathrin		0.01 mg/kg to 5.0 mg/kg
		Pyriproxyfen		0.01 mg/kg to 5.0 mg/kg
		Lambda- cyhalothrin		0.01 mg/kg to 5.0 mg/kg
		Permethrin i		0.01 mg/kg to 5.0 mg/kg
		Permethrin ii (trans)		0.01 mg/kg to 5.0 mg/kg
		Cyfluthrin i		0.01 mg/kg to 5.0 mg/kg
		Cyfluthrin ii		0.01 mg/kg to 5.0 mg/kg
		Cyfluthrin iii		0.01 mg/kg to 5.0 mg/kg
		Cyfluthrin iv		0.01 mg/kg to 5.0 mg/kg
		Cypermethrin i		0.01 mg/kg to 5.0 mg/kg
		Cypermethrin ii		0.01 mg/kg to 5.0 mg/kg
		Cypermethrin iii		0.01 mg/kg to 5.0 mg/kg
		Cypermethrin iv		0.01 mg/kg to 5.0 mg/kg
		Ethofenprox		0.01 mg/kg to 5.0 mg/kg
		Fenvalerate		0.01 mg/kg to 5.0 mg/kg
		Esfenvalerate		0.01 mg/kg to 5.0 mg/kg
		Tau-fluvalinate		0.01 mg/kg to 5.0 mg/kg
		Deltamethrin		0.01 mg/kg to 5.0 mg/kg
		2-4-D	NRPL/STP/CH/46; Issue No. 01;	0.01 mg/kg to 5.0 mg/kg
		4-CPA		0.01 mg/kg to 5.0 mg/kg

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		6-benzaldenine	Issue Date 06.08.2017	0.01 mg/kg to 5.0 mg/kg
		Difenthiuron		0.01 mg/kg to 5.0 mg/kg
		Dodine		0.01 mg/kg to 5.0 mg/kg
		Ethephon		0.01 mg/kg to 5.0 mg/kg
		Fenazaquin		0.01 mg/kg to 5.0 mg/kg
		Fipronil sulfon		0.01 mg/kg to 5.0 mg/kg
		Fipronil		0.01 mg/kg to 5.0 mg/kg
		Flonicamid		0.01 mg/kg to 5.0 mg/kg
		Forchlorfenuron		0.01 mg/kg to 5.0 mg/kg
		Fosetyl-al		0.01 mg/kg to 5.0 mg/kg
		Gibberilic acid		0.01 mg/kg to 5.0 mg/kg
		Homobrassinolide		0.01 mg/kg to 5.0 mg/kg
		Iodosulfuron		0.01 mg/kg to 5.0 mg/kg
		Propamocarb		0.01 mg/kg to 5.0 mg/kg
		TFNA		0.01 mg/kg to 5.0 mg/kg
		TFNG		0.01 mg/kg to 5.0 mg/kg
		Thiocyclam		0.01 mg/kg to 5.0 mg/kg
		Tridemorph		0.01 mg/kg to 5.0 mg/kg
		Azadiractin A		0.01 mg/kg to 5.0 mg/kg
		Azadiractin B		0.01 mg/kg to 5.0 mg/kg
		Cartap-HCL		0.01 mg/kg to 5.0 mg/kg
		Diquat		0.01 mg/kg to 5.0 mg/kg
		Mepiquat		0.01 mg/kg to 5.0 mg/kg
		Nereistoxin		0.01 mg/kg to 5.0 mg/kg
		Uracil		0.01 mg/kg to 5.0 mg/kg
		Chlormequat chloride		0.01 mg/kg to 5.0 mg/kg
		Mppa		0.01 mg/kg to 5.0 mg/kg
		Nag		0.01 mg/kg to 5.0 mg/kg
		Paraquat		0.01 mg/kg to 5.0 mg/kg
		1-NAA		0.01 mg/kg to 5.0 mg/kg
		Dinocap	NRPL/STP/CH/40; Issue No. 01; Issue Date 05.02.2017	0.01 mg/kg to 5.0 mg/kg

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		Thiram	NRPL/STP/CH/41; Issue No. 01; Issue Date 05.02.2017	0.01 mg/kg to 5.0mg/Kg
		Glufosinate	NRPL/STP/CH/47; Issue No. 01; Issue Date	0.01 mg/kg to 5.0mg/Kg
		Glyphosate	06.08.2017	0.01 mg/kg to 5.0mg/Kg
		HCN	NRPL/STP/CH/48; Issue No. 01; Issue Date 06.08.2017	0.01 mg/kg to 5.0mg/Kg
		Trace metal Elements		
		Cadmium	NRPL/STP/CH/44; Issue No. 01;	0.005 mg/kg to 5.0 mg/kg
		Lead	Issue Date 12.06.2017	0.05 mg/kg to 5.0 mg/kg
b.	Spices & Condiments Product	Aldrin	NRPL/STP/CH/ 75 & 79, Issue No: 1 and Date	0.01 mg/kg to 10.0 mg/kg
		Abamectin	25.10.2018 AOAC official	0.01 mg/kg to 10.0 mg/kg
		Acephate	method 2007.01	0.01 mg/kg to 10.0 mg/kg
		Acetamiprid		0.01 mg/kg to 10.0 mg/kg
		Ametoctradin		0.01 mg/kg to 10.0 mg/kg
		Atrazine		0.01 mg/kg to 10.0 mg/kg
		Azoxystrobin		0.01 mg/kg to 10.0 mg/kg
		Benalaxyl		0.01 mg/kg to 10.0 mg/kg
		Bendiocarb		0.01 mg/kg to 10.0 mg/kg
		Benomyl		0.01 mg/kg to 10.0 mg/kg
		Bifenazate		0.01 mg/kg to 10.0 mg/kg
		Bifenthrin		0.01 mg/kg to 10.0 mg/kg
		Bitertanol		0.01 mg/kg to 10.0 mg/kg
		Boscalid		0.01 mg/kg to 10.0 mg/kg
		Buprofezin		0.01 mg/kg to 10.0 mg/kg
	Butachlor		0.01 mg/kg to 10.0 mg/kg	
	Captafol		0.01 mg/kg to 10.0 mg/kg	
	Captan		0.01 mg/kg to 10.0 mg/kg	
	Carbaryl		0.01 mg/kg to 10.0 mg/kg	
	Benomyl		0.01 mg/kg to 10.0 mg/kg	

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		Carbendazim		0.01 mg/kg to 10.0 mg/kg
		Carbofuran		0.002 mg/kg to 10.0 mg/kg
		carbosulfan		0.002 mg/kg to 10.0 mg/kg
		benfuracarb		0.002 mg/kg to 10.0 mg/kg
		3 Hydroxycarbofuran		0.002 mg/kg to 10.0 mg/kg
		Carboxin		0.01 mg/kg to 10.0 mg/kg
		Cartap hydrochloride		0.01 mg/kg to 10.0 mg/kg
		Chlorantraniliprole		0.01 mg/kg to 10.0 mg/kg
		cis-chlordane		0.01 mg/kg to 10.0 mg/kg
		trans-chlordane		0.01 mg/kg to 10.0 mg/kg
		Chlorfenvinphos	NRPL/STP/CH/ 75 & 79, Issue No: 1 and Date 25.10.2018 AOAC official method 2007.01	0.01 mg/kg to 10.0 mg/kg
		Chlorothalonil		0.01 mg/kg to 10.0 mg/kg
		Chlorpyriphos		0.01 mg/kg to 10.0 mg/kg
		Chlorpyriphos-methyl		0.01 mg/kg to 10.0 mg/kg
		Clothianidin		0.01 mg/kg to 10.0 mg/kg
		Cyazofamid		0.01 mg/kg to 10.0 mg/kg
		Cyflumetofen		0.01 mg/kg to 10.0 mg/kg
		Cyfluthrin 1		0.01 mg/kg to 10.0 mg/kg
		Cyfluthrin 2		0.01 mg/kg to 10.0 mg/kg
		Cyfluthrin 3		0.01 mg/kg to 10.0 mg/kg
		Cyfluthrin 4		0.01 mg/kg to 10.0 mg/kg
		Cymoxanil		0.01 mg/kg to 10.0 mg/kg
		Cyntraniliprole		0.01 mg/kg to 10.0 mg/kg
		Cypermethrin 1		0.01 mg/kg to 10.0 mg/kg
		Cypermethrin2		0.01 mg/kg to 10.0 mg/kg
		Cypermethrin3		0.01 mg/kg to 10.0 mg/kg
		Cypermethrin4		0.01 mg/kg to 10.0 mg/kg
		Dazomet		0.01 mg/kg to 10.0 mg/kg
		p,p'-DDT		0.01 mg/kg to 10.0 mg/kg
		o,p'-DDT		0.01 mg/kg to 10.0 mg/kg
		p,p'-DDE		0.01 mg/kg to 10.0 mg/kg
		p,p'-TDE (DDD)		0.01 mg/kg to 10.0 mg/kg

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		Deltamethrin		0.01 mg/kg to 10.0 mg/kg
		Diafenthiuron		0.01 mg/kg to 10.0 mg/kg
		Diazinon		0.01 mg/kg to 10.0 mg/kg
		Dichlorvos		0.01 mg/kg to 10.0 mg/kg
		Dicofol		0.01 mg/kg to 10.0 mg/kg
		Dieldrin		0.01 mg/kg to 10.0 mg/kg
		Difenconazole		0.01 mg/kg to 10.0 mg/kg
		Diflubenzuron	NRPL/STP/CH/ 75 & 79, Issue No: 1 and Date 25.10.2018 AOAC official method 2007.01	0.01 mg/kg to 10.0 mg/kg
		Dimethoate		0.01 mg/kg to 10.0 mg/kg
		Omethoate		0.01 mg/kg to 10.0 mg/kg
		Dimethomorph		0.01 mg/kg to 10.0 mg/kg
		Dinotefuron		0.01 mg/kg to 10.0 mg/kg
		Diuron		0.01 mg/kg to 10.0 mg/kg
		Dodine		0.01 mg/kg to 10.0 mg/kg
		Edifenphos		0.01 mg/kg to 10.0 mg/kg
		Emamectin Benzoate		0.01 mg/kg to 10.0 mg/kg
		alpha-Endosulphan		0.01 mg/kg to 10.0 mg/kg
		beta-Endosulphan		0.01 mg/kg to 10.0 mg/kg
		Endosulphansulphate		0.01 mg/kg to 10.0 mg/kg
		Endrin		0.01 mg/kg to 10.0 mg/kg
		Epoxiconazole		0.01 mg/kg to 10.0 mg/kg
		Ethion		0.01 mg/kg to 10.0 mg/kg
		Ethiprole		0.01 mg/kg to 10.0 mg/kg
		Etofenprox		0.01 mg/kg to 10.0 mg/kg
		Etoxazole		0.01 mg/kg to 10.0 mg/kg
		Etrimphos		0.01 mg/kg to 10.0 mg/kg
		Famoxadone		0.01 mg/kg to 10.0 mg/kg
		Fenamidone		0.01 mg/kg to 10.0 mg/kg
		Fenarimol		0.01 mg/kg to 10.0 mg/kg
		Fenazaquin		0.01 mg/kg to 10.0 mg/kg
		Fenhexamid (F)		0.01 mg/kg to 10.0 mg/kg
		Fenitrothion		0.01 mg/kg to 10.0 mg/kg

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		Fenobucarb		0.01 mg/kg to 10.0 mg/kg
		Fenpropathrin		0.01 mg/kg to 10.0 mg/kg
		Fenpyroximate		0.01 mg/kg to 10.0 mg/kg
		Fenthion		0.01 mg/kg to 10.0 mg/kg
		Fenthion-sulfone		0.01 mg/kg to 10.0 mg/kg
		Fenthion-sulphoxide		0.01 mg/kg to 10.0 mg/kg
		Fenvalerate		0.01 mg/kg to 10.0 mg/kg
		Fipronil		0.005 mg/kg to 10.0 mg/kg
		Flufenacet		0.01 mg/kg to 10.0 mg/kg
		Flufenoxuron		0.01 mg/kg to 10.0 mg/kg
		Fluopicolide		0.01 mg/kg to 10.0 mg/kg
		Fluopyram		0.01 mg/kg to 10.0 mg/kg
		Flusilazole	NRPL/STP/CH/ 75 & 79, Issue No: 1 and Date 25.10.2018 ;AOAC official method 2007.01	0.01 mg/kg to 10.0 mg/kg
		Fluxapyroxad		0.01 mg/kg to 10.0 mg/kg
		Forchlorfenuron		0.01 mg/kg to 10.0 mg/kg
		Alpha-HCH		0.01 mg/kg to 10.0 mg/kg
		Beta-HCH		0.01 mg/kg to 10.0 mg/kg
		Delta-HCH		0.01 mg/kg to 10.0 mg/kg
		Heptachlor		0.01 mg/kg to 10.0 mg/kg
		Heptachlor epoxide		0.01 mg/kg to 10.0 mg/kg
		Hexaconazole		0.01 mg/kg to 10.0 mg/kg
		Hexythiazox		0.01 mg/kg to 10.0 mg/kg
		Imidacloprid		0.01 mg/kg to 10.0 mg/kg
		Indoxacarb		0.01 mg/kg to 10.0 mg/kg
		Iodosulfuron-methyl		0.01 mg/kg to 10.0 mg/kg
		Iprobenphos		0.01 mg/kg to 10.0 mg/kg
		Iprodione		0.01 mg/kg to 10.0 mg/kg
		Iprovalicarb		0.01 mg/kg to 10.0 mg/kg
		Isoprothiolane		0.01 mg/kg to 10.0 mg/kg
		Isoproturon		0.01 mg/kg to 10.0 mg/kg
		Kresoxim methyl		0.01 mg/kg to 10.0 mg/kg
		Lambda-cyhalothrin		0.01 mg/kg to 10.0 mg/kg

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		Lindane		0.01 mg/kg to 10.0 mg/kg
		Linuron	NRPL/STP/CH/ 75 & 79, Issue No: 1 and Date 25.10.2018 AOAC official method 2007.01	0.01 mg/kg to 10.0 mg/kg
		Malathion		0.01 mg/kg to 10.0 mg/kg
		Malaoxon		0.01 mg/kg to 10.0 mg/kg
		Mandipropamid		0.01 mg/kg to 10.0 mg/kg
		Metalaxyl		0.01 mg/kg to 10.0 mg/kg
		Methamidophos		0.01 mg/kg to 10.0 mg/kg
		Methomyl		0.01 mg/kg to 10.0 mg/kg
		Metolachlor		0.01 mg/kg to 10.0 mg/kg
		Metribuzin		0.01 mg/kg to 10.0 mg/kg
		Monocrotophos		0.01 mg/kg to 10.0 mg/kg
		Myclobutanil		0.01 mg/kg to 10.0 mg/kg
		Nitenpyram		0.01 mg/kg to 10.0 mg/kg
		Omethoate		0.01 mg/kg to 10.0 mg/kg
		Oxadiazon		0.01 mg/kg to 10.0 mg/kg
		Oxycarboxin		0.01 mg/kg to 10.0 mg/kg
		Oxydemeton- methyl		0.01 mg/kg to 10.0 mg/kg
		Demeton-S- methylsulfone		0.01 mg/kg to 10.0 mg/kg
		Oxyfluorfen		0.01 mg/kg to 10.0 mg/kg
		Paclobutrazol		0.01 mg/kg to 10.0 mg/kg
		Parathion ethyl		0.01 mg/kg to 10.0 mg/kg
		Parathion methyl		0.01 mg/kg to 10.0 mg/kg
		Paraoxon methyl		0.01 mg/kg to 10.0 mg/kg
		Penconazole		0.01 mg/kg to 10.0 mg/kg
		Pencycuron		0.01 mg/kg to 10.0 mg/kg
		Pendimethalin		0.01 mg/kg to 10.0 mg/kg
		cis-Permethrin		0.01 mg/kg to 10.0 mg/kg
		trans-Permethrin		0.01 mg/kg to 10.0 mg/kg
		Phenthoate		0.01 mg/kg to 10.0 mg/kg
		Phorate	NRPL/STP/CH/ 75 & 79, Issue No: 1 and Date	0.01 mg/kg to 10.0 mg/kg
		Phorate-sulfone		0.01 mg/kg to 10.0 mg/kg

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		Phorate-sulfoxide	25.10.2018 AOAC official method 2007.01	0.01 mg/kg to 10.0 mg/kg
		Phosalone		0.01 mg/kg to 10.0 mg/kg
		Phosphamidon		0.01 mg/kg to 10.0 mg/kg
		Picoxystrobin		0.01 mg/kg to 10.0 mg/kg
		Primiphos methyl		0.01 mg/kg to 10.0 mg/kg
		Profenophos		0.01 mg/kg to 10.0 mg/kg
		Propamocarb		0.01 mg/kg to 10.0 mg/kg
		Propanil		0.01 mg/kg to 10.0 mg/kg
		Propargite		0.01 mg/kg to 10.0 mg/kg
		Propiconazole		0.01 mg/kg to 10.0 mg/kg
		Propoxur		0.01 mg/kg to 10.0 mg/kg
		Pymetrozine		0.01 mg/kg to 10.0 mg/kg
		Pyraclostrobin		0.01 mg/kg to 10.0 mg/kg
		Pyridaben		0.01 mg/kg to 10.0 mg/kg
		Pyriproxyfen		0.01 mg/kg to 10.0 mg/kg
		Quinalphos		0.01 mg/kg to 10.0 mg/kg
		Simazine		0.01 mg/kg to 10.0 mg/kg
		Spinetoram		0.01 mg/kg to 10.0 mg/kg
		Spinosyn A		0.01 mg/kg to 10.0 mg/kg
		Spinosyn D		0.01 mg/kg to 10.0 mg/kg
		Spirodiclofen		0.01 mg/kg to 10.0 mg/kg
		Spiromesifen		0.01 mg/kg to 10.0 mg/kg
		Spirotetramat		0.01 mg/kg to 10.0 mg/kg
		tau-Fluvalinate		0.01 mg/kg to 10.0 mg/kg
		Tebuconazole		0.01 mg/kg to 10.0 mg/kg
		Temephos		0.01 mg/kg to 10.0 mg/kg
		Tetraconazole		0.01 mg/kg to 10.0 mg/kg
		Thiabendazole		0.01 mg/kg to 10.0 mg/kg
		Thiacloprid		0.01 mg/kg to 10.0 mg/kg
		Thiamethoxam		0.01 mg/kg to 10.0 mg/kg
		Thiobencarb		0.01 mg/kg to 10.0 mg/kg
		Thiodicarb		0.01 mg/kg to 10.0 mg/kg

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		Thiophanate-methyl	NRPL/STP/CH/ 75 & 79, Issue No: 1 and Date 25.10.2018 AOAC official method 2007.01	0.01 mg/kg to 10.0 mg/kg
		Tolfenpyrad		0.01 mg/kg to 10.0 mg/kg
		Transfluthrin		0.01 mg/kg to 10.0 mg/kg
		Triadimefon		0.01 mg/kg to 10.0 mg/kg
		Triadimenol		0.01 mg/kg to 10.0 mg/kg
		Triazophos		0.01 mg/kg to 10.0 mg/kg
		Tricyclazole		0.01 mg/kg to 10.0 mg/kg
		Tridemorph		0.01 mg/kg to 10.0 mg/kg
		Trifloxystrobin		0.01 mg/kg to 10.0 mg/kg
		Trifluralin		0.01 mg/kg to 10.0 mg/kg
c.	Cereal and Cereal Product	Aldrin	NRPL/STP/CH/ 74 & 78, Issue No: 1 and Date 25.10.2018 AOAC official method 2007.01	0.01 mg/kg to 10.0 mg/kg
		4-bromo-2-chlorophenol		0.01 mg/kg to 10.0 mg/kg
		Abamectin		0.01 mg/kg to 10.0 mg/kg
		Acephate		0.01 mg/kg to 10.0 mg/kg
		Acetamiprid		0.01 mg/kg to 10.0 mg/kg
		Alachlor		0.01 mg/kg to 10.0 mg/kg
		Ametoctradin		0.01 mg/kg to 10.0 mg/kg
		Atrazine		0.01 mg/kg to 10.0 mg/kg
		Azoxystrobin		0.01 mg/kg to 10.0 mg/kg
		Benalaxyl		0.01 mg/kg to 10.0 mg/kg
		Bendiocarb		0.01 mg/kg to 10.0 mg/kg
		Benomyl		0.01 mg/kg to 10.0 mg/kg
		Bifenazate		0.01 mg/kg to 10.0 mg/kg
		Bifenthrin		0.01 mg/kg to 10.0 mg/kg
		Bitertanol		0.01 mg/kg to 10.0 mg/kg
		Boscalid		0.01 mg/kg to 10.0 mg/kg
		Buprofezin	0.01 mg/kg to 10.0 mg/kg	
		Butachlor	0.01 mg/kg to 10.0 mg/kg	
		Captafol	0.01 mg/kg to 10.0 mg/kg	
		Captan	0.01 mg/kg to 10.0 mg/kg	
		Carbaryl	0.01 mg/kg to 10.0 mg/kg	

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		Carbendazim		0.01 mg/kg to 10.0 mg/kg
		Carbofuran		0.002 mg/kg to 10.0 mg/kg
		carbosulfan		0.002 mg/kg to 10.0 mg/kg
		benfuracarb		0.002 mg/kg to 10.0 mg/kg
		3 Hydroxycarbofuran		0.002 mg/kg to 10.0 mg/kg
		Carboxin		0.01 mg/kg to 10.0 mg/kg
		Cartap hydrochloride		0.01 mg/kg to 10.0 mg/kg
		Chlorantraniliprole		0.01 mg/kg to 10.0 mg/kg
		Chlordane (cis& trans)		0.01 mg/kg to 10.0 mg/kg
		cis-chlordane		0.01 mg/kg to 10.0 mg/kg
		trans-chlordane		0.01 mg/kg to 10.0 mg/kg
		Chlorfenvinphos		0.01 mg/kg to 10.0 mg/kg
		Chlorothalonil		0.01 mg/kg to 10.0 mg/kg
		Chlorpyriphos		0.01 mg/kg to 10.0 mg/kg
		Chlorpyriphos-methyl		0.01 mg/kg to 10.0 mg/kg
		Clothianidin		0.01 mg/kg to 10.0 mg/kg
		Cyazofamid		0.01 mg/kg to 10.0 mg/kg
		Cyfluthrin 1		0.01 mg/kg to 10.0 mg/kg
		Cyfluthrin 2	NRPL/STP/CH/ 74 & 78, Issue No: 1 and Date 25.10.2018 AOAC official method 2007.01	0.01 mg/kg to 10.0 mg/kg
		Cyfluthrin 3		0.01 mg/kg to 10.0 mg/kg
		Cyfluthrin 4		0.01 mg/kg to 10.0 mg/kg
		Cymoxanil		0.01 mg/kg to 10.0 mg/kg
		Cyntraniliprole		0.01 mg/kg to 10.0 mg/kg
		Cypermethrin 1		0.01 mg/kg to 10.0 mg/kg
		Cypermethrin2		0.01 mg/kg to 10.0 mg/kg
		Cypermethrin3		0.01 mg/kg to 10.0 mg/kg
		Cypermethrin4		0.01 mg/kg to 10.0 mg/kg
		Dazomet		0.01 mg/kg to 10.0 mg/kg
		p,p'-DDT		0.01 mg/kg to 10.0 mg/kg
		o,p'-DDT		0.01 mg/kg to 10.0 mg/kg
		p,p'-DDE		0.01 mg/kg to 10.0 mg/kg
		p,p'-TDE (DDD)		0.01 mg/kg to 10.0 mg/kg

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		Deltamethrin		0.01 mg/kg to 10.0 mg/kg
		Diafenthiuron		0.01 mg/kg to 10.0 mg/kg
		Diazinon		0.01 mg/kg to 10.0 mg/kg
		Dichlorvos		0.01 mg/kg to 10.0 mg/kg
		Dicofol		0.01 mg/kg to 10.0 mg/kg
		Dieldrin		0.01 mg/kg to 10.0 mg/kg
		Difenconazole		0.01 mg/kg to 10.0 mg/kg
		Diflubenzuron		0.01 mg/kg to 10.0 mg/kg
		Dimethoate		0.01 mg/kg to 10.0 mg/kg
		Omethoate		0.01 mg/kg to 10.0 mg/kg
		Dimethomorph		0.01 mg/kg to 10.0 mg/kg
		Dinotefuron		0.01 mg/kg to 10.0 mg/kg
		Diuran		0.01 mg/kg to 10.0 mg/kg
		Dodine		0.01 mg/kg to 10.0 mg/kg
		Edifenphos		0.01 mg/kg to 10.0 mg/kg
		Emamectin Benzoate	NRPL/STP/CH/ 74 & 78, Issue No: 1 and Date 25.10.2018 AOAC official method 2007.01	0.01 mg/kg to 10.0 mg/kg
		alpha-Endosulphan		0.01 mg/kg to 10.0 mg/kg
		beta-Endosulphan		0.01 mg/kg to 10.0 mg/kg
		Endosulphansulphate		0.01 mg/kg to 10.0 mg/kg
		Endrin		0.01 mg/kg to 10.0 mg/kg
		Ethion		0.01 mg/kg to 10.0 mg/kg
		Ethiprole		0.01 mg/kg to 10.0 mg/kg
		Ethofenprox		0.01 mg/kg to 10.0 mg/kg
		Etoxazole		0.01 mg/kg to 10.0 mg/kg
		Etrimphos		0.01 mg/kg to 10.0 mg/kg
		Famoxadone		0.01 mg/kg to 10.0 mg/kg
		Fenamidone		0.01 mg/kg to 10.0 mg/kg
		Fenarimol		0.01 mg/kg to 10.0 mg/kg
		Fenazaquin		0.01 mg/kg to 10.0 mg/kg
		Fenitrothion		0.01 mg/kg to 10.0 mg/kg
		Fenpropathrin		0.01 mg/kg to 10.0 mg/kg
		Fenpyroximate		0.01 mg/kg to 10.0 mg/kg

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		Fenthion		0.01 mg/kg to 10.0 mg/kg
		Fenthion-sulfone		0.01 mg/kg to 10.0 mg/kg
		Fenthion-sulphoxide		0.01 mg/kg to 10.0 mg/kg
		Fenvalerate		0.01 mg/kg to 10.0 mg/kg
		Fipronil		0.005 mg/kg to 10.0 mg/kg
		Flubendiamide		0.01 mg/kg to 10.0 mg/kg
		Flufenacet		0.01 mg/kg to 10.0 mg/kg
		Flufenoxuron		0.01 mg/kg to 10.0 mg/kg
		Fluopicolide		0.01 mg/kg to 10.0 mg/kg
		Fluopyram		0.01 mg/kg to 10.0 mg/kg
		Flusilazole		0.01 mg/kg to 10.0 mg/kg
		Fluxapyroxad		0.01 mg/kg to 10.0 mg/kg
		Forchlorfenuron	NRPL/STP/CH/ 74 & 78, Issue No: 1 and Date 25.10.2018 AOAC official method 2007.01	0.01 mg/kg to 10.0 mg/kg
		Alpha-HCH		0.01 mg/kg to 10.0 mg/kg
		Beta-HCH		0.01 mg/kg to 10.0 mg/kg
		Delta-HCH		0.01 mg/kg to 10.0 mg/kg
		Heptachlor		0.01 mg/kg to 10.0 mg/kg
		Heptachlor epoxide		0.01 mg/kg to 10.0 mg/kg
		Hexaconazole		0.01 mg/kg to 10.0 mg/kg
		Hexythiazox		0.01 mg/kg to 10.0 mg/kg
		Imidacloprid		0.01 mg/kg to 10.0 mg/kg
		Indoxacarb		0.01 mg/kg to 10.0 mg/kg
		Iodosulfuron-methyl		0.01 mg/kg to 10.0 mg/kg
		Iprobenphos		0.01 mg/kg to 10.0 mg/kg
		Iprodione		0.01 mg/kg to 10.0 mg/kg
		Iprovalicarb		0.01 mg/kg to 10.0 mg/kg
		Isoprothiolane		0.01 mg/kg to 10.0 mg/kg
		Isoproturon		0.01 mg/kg to 10.0 mg/kg
		Kresoxim methyl		0.01 mg/kg to 10.0 mg/kg
		Lambda-cyhalothrin		0.01 mg/kg to 10.0 mg/kg
		Lindane		0.01 mg/kg to 10.0 mg/kg
		Linuron		0.01 mg/kg to 10.0 mg/kg

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		Malaoxon		0.01 mg/kg to 10.0 mg/kg
		Mandipropamid		0.01 mg/kg to 10.0 mg/kg
		Metalaxyl		0.01 mg/kg to 10.0 mg/kg
		Methamidophos		0.01 mg/kg to 10.0 mg/kg
		Methomyl		0.01 mg/kg to 10.0 mg/kg
		Metolachlor		0.01 mg/kg to 10.0 mg/kg
		Metribuzin		0.01 mg/kg to 10.0 mg/kg
		Monocrotophos		0.01 mg/kg to 10.0 mg/kg
		Myclobutanil		0.01 mg/kg to 10.0 mg/kg
		Nitenpyram	NRPL/STP/CH/ 74 & 78, Issue No: 1 and Date 25.10.2018 AOAC official method 2007.01	0.01 mg/kg to 10.0 mg/kg
		Oxycarboxin		0.01 mg/kg to 10.0 mg/kg
		Oxydemeton- methyl		0.01 mg/kg to 10.0 mg/kg
		Demeton-S- methylsulfone		0.01 mg/kg to 10.0 mg/kg
		Oxyfluorfen		0.01 mg/kg to 10.0 mg/kg
		Paclobutrazol		0.01 mg/kg to 10.0 mg/kg
		Parathion ethyl		0.01 mg/kg to 10.0 mg/kg
		Parathion methyl		0.01 mg/kg to 10.0 mg/kg
		Paraoxon methyl		0.01 mg/kg to 10.0 mg/kg
		Penconazole		0.01 mg/kg to 10.0 mg/kg
		Pencycuron		0.01 mg/kg to 10.0 mg/kg
		Pendimethalin		0.01 mg/kg to 10.0 mg/kg
		cis-Permethrin		0.01 mg/kg to 10.0 mg/kg
		trans-Permethrin		0.01 mg/kg to 10.0 mg/kg
		Phenthoate		0.01 mg/kg to 10.0 mg/kg
		Phorate		0.01 mg/kg to 10.0 mg/kg
		Phorate-sulfone		0.01 mg/kg to 10.0 mg/kg
		Phorate-sulfoxide		0.01 mg/kg to 10.0 mg/kg
		Phosalone		0.01 mg/kg to 10.0 mg/kg
		Phosphamidon		0.01 mg/kg to 10.0 mg/kg
		Picoxystrobin		0.01 mg/kg to 10.0 mg/kg
		Primiphos methyl		0.01 mg/kg to 10.0 mg/kg

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		Profenophos		0.01 mg/kg to 10.0 mg/kg
		Propamocarb		0.01 mg/kg to 10.0 mg/kg
		Propanil		0.01 mg/kg to 10.0 mg/kg
		Propargite		0.01 mg/kg to 10.0 mg/kg
		Propetamphos		0.01 mg/kg to 10.0 mg/kg
		Propiconazole		0.01 mg/kg to 10.0 mg/kg
		Propoxur	NRPL/STP/CH/ 76 & 80, Issue No: 1 and Date 25.10.2018 AOAC official method 2007.01	0.01 mg/kg to 10.0 mg/kg
		Pymetrozine		0.01 mg/kg to 10.0 mg/kg
		Pyraclostrobin		0.01 mg/kg to 10.0 mg/kg
		Pyridaben		0.01 mg/kg to 10.0 mg/kg
		Pyriproxyfen		0.01 mg/kg to 10.0 mg/kg
		Quinalphos		0.01 mg/kg to 10.0 mg/kg
		Simazine		0.01 mg/kg to 10.0 mg/kg
		Spinosyn A		0.01 mg/kg to 10.0 mg/kg
		Spinosyn D		0.01 mg/kg to 10.0 mg/kg
		Spirotetramat		0.01 mg/kg to 10.0 mg/kg
		tau-Fluvalinate		0.01 mg/kg to 10.0 mg/kg
		Tebuconazole		0.01 mg/kg to 10.0 mg/kg
		Tetraconazole		0.01 mg/kg to 10.0 mg/kg
		Thiabendazole		0.01 mg/kg to 10.0 mg/kg
		Thiacloprid		0.01 mg/kg to 10.0 mg/kg
		Thiamethoxam		0.01 mg/kg to 10.0 mg/kg
		Thiobencarb		0.01 mg/kg to 10.0 mg/kg
		Thiocyclam		0.01 mg/kg to 10.0 mg/kg
		Thiodicarb		0.01 mg/kg to 10.0 mg/kg
		Thiophanate-methyl		0.01 mg/kg to 10.0 mg/kg
		Transfluthrin		0.01 mg/kg to 10.0 mg/kg
		Triadimefon		0.01 mg/kg to 10.0 mg/kg
		Triadimenol		0.01 mg/kg to 10.0 mg/kg
		Triazophos		0.01 mg/kg to 10.0 mg/kg
		Trichlorfon		0.01 mg/kg to 10.0 mg/kg
		Tricyclazole		0.01 mg/kg to 10.0 mg/kg

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		Tridemorph		0.01 mg/kg to 10.0 mg/kg
		Trifloxystrobin		0.01 mg/kg to 10.0 mg/kg
		Trifluralin		0.01 mg/kg to 10.0 mg/kg
d.	Alcoholic & Non Alcoholic Beverages	Aldrin	NRPL/STP/CH/ 76 & 80, Issue No: 1 and Date 25.10.2018 AOAC official method 2007.01	0.01 mg/kg to 10.0 mg/kg
		4-bromo-2-chlorophenol		0.01 mg/kg to 10.0 mg/kg
		Abamectin		0.01 mg/kg to 10.0 mg/kg
		Acephate		0.01 mg/kg to 10.0 mg/kg
		Acetamiprid		0.01 mg/kg to 10.0 mg/kg
		Alachlor		0.01 mg/kg to 10.0 mg/kg
		Allethrin		0.01 mg/kg to 10.0 mg/kg
		Ametoctradin		0.01 mg/kg to 10.0 mg/kg
		Atrazine		0.01 mg/kg to 10.0 mg/kg
		Azoxystrobin		0.01 mg/kg to 10.0 mg/kg
		Benalaxyl		0.01 mg/kg to 10.0 mg/kg
		Bendiocarb		0.01 mg/kg to 10.0 mg/kg
		Benomyl		0.01 mg/kg to 10.0 mg/kg
		Bifenazate		0.01 mg/kg to 10.0 mg/kg
		Bifenthrin		0.01 mg/kg to 10.0 mg/kg
		Bitertanol		0.01 mg/kg to 10.0 mg/kg
		Buprofezin		0.01 mg/kg to 10.0 mg/kg
		Butachlor		0.01 mg/kg to 10.0 mg/kg
		Captafol		0.01 mg/kg to 10.0 mg/kg
		Captan		0.01 mg/kg to 10.0 mg/kg
		Carbaryl		0.01 mg/kg to 10.0 mg/kg
		Carbendazim		0.01 mg/kg to 10.0 mg/kg
		Carbofuran		0.002 mg/kg to 10.0 mg/kg
		carbosulfan		0.002 mg/kg to 10.0 mg/kg
		benfuracarb		0.002 mg/kg to 10.0 mg/kg
		3 Hydroxycarbofuran		0.002 mg/kg to 10.0 mg/kg
		Carboxin		0.01 mg/kg to 10.0 mg/kg
		Cartap hydrochloride	NRPL/STP/CH/ 76 & 80,	0.01 mg/kg to 10.0 mg/kg

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		Chlorantraniliprole	Issue No: 1 and Date 25.10.2018 AOAC official method 2007.01	0.01 mg/kg to 10.0 mg/kg
		cis-chlordane		0.01 mg/kg to 10.0 mg/kg
		trans-chlordane		0.01 mg/kg to 10.0 mg/kg
		Chlorfenvinphos		0.01 mg/kg to 10.0 mg/kg
		Chlorothalonil		0.01 mg/kg to 10.0 mg/kg
		Chlorpyrifos		0.01 mg/kg to 10.0 mg/kg
		Chlorpyrifos-methyl		0.01 mg/kg to 10.0 mg/kg
		Clothianidin		0.01 mg/kg to 10.0 mg/kg
		Cyazofamid		0.01 mg/kg to 10.0 mg/kg
		Cyflumetofen		0.01 mg/kg to 10.0 mg/kg
		Cyfluthrin 1		0.01 mg/kg to 10.0 mg/kg
		Cyfluthrin 2		0.01 mg/kg to 10.0 mg/kg
		Cyfluthrin 3		0.01 mg/kg to 10.0 mg/kg
		Cyfluthrin 4		0.01 mg/kg to 10.0 mg/kg
		Cymoxanil		0.01 mg/kg to 10.0 mg/kg
		Cytraniliprole		0.01 mg/kg to 10.0 mg/kg
		Cypermethrin 1		0.01 mg/kg to 10.0 mg/kg
		Cypermethrin2		0.01 mg/kg to 10.0 mg/kg
		Cypermethrin3		0.01 mg/kg to 10.0 mg/kg
		Cypermethrin4		0.01 mg/kg to 10.0 mg/kg
		Dazomet		0.01 mg/kg to 10.0 mg/kg
		p,p'-DDT		0.01 mg/kg to 10.0 mg/kg
		o,p'-DDT		0.01 mg/kg to 10.0 mg/kg
		p,p'-DDE		0.01 mg/kg to 10.0 mg/kg
		p,p'-TDE (DDD)		0.01 mg/kg to 10.0 mg/kg
		Deltamethrin		0.01 mg/kg to 10.0 mg/kg
		Diafenthiuron		0.01 mg/kg to 10.0 mg/kg
		Diazinon		0.01 mg/kg to 10.0 mg/kg
		Dichlorvos		0.01 mg/kg to 10.0 mg/kg
		Dicofol	NRPL/STP/CH/ 76 & 80, Issue No: 1 and Date 25.10.2018 AOAC official	0.01 mg/kg to 10.0 mg/kg
		Dieldrin		0.01 mg/kg to 10.0 mg/kg
		Difenconazole		0.01 mg/kg to 10.0 mg/kg

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		Diflubenzuron	method 2007.01	0.01 mg/kg to 10.0 mg/kg
		Dimethoate		0.01 mg/kg to 10.0 mg/kg
		Omethoate		0.01 mg/kg to 10.0 mg/kg
		Dimethomorph		0.01 mg/kg to 10.0 mg/kg
		Dinotefuron		0.01 mg/kg to 10.0 mg/kg
		Diuran		0.01 mg/kg to 10.0 mg/kg
		Dodine		0.01 mg/kg to 10.0 mg/kg
		Edifenphos		0.01 mg/kg to 10.0 mg/kg
		Emamectin Benzoate		0.01 mg/kg to 10.0 mg/kg
		alpha-Endosulphan		0.01 mg/kg to 10.0 mg/kg
		beta-Endosulphan		0.01 mg/kg to 10.0 mg/kg
		Endosulphansulphate		0.01 mg/kg to 10.0 mg/kg
		Endrin		0.01 mg/kg to 10.0 mg/kg
		Ethion		0.01 mg/kg to 10.0 mg/kg
		Ethiprole		0.01 mg/kg to 10.0 mg/kg
		Ethofenprox		0.01 mg/kg to 10.0 mg/kg
		Etoxazole		0.01 mg/kg to 10.0 mg/kg
		Etrimphos		0.01 mg/kg to 10.0 mg/kg
		Famoxadone		0.01 mg/kg to 10.0 mg/kg
		Fenamidone		0.01 mg/kg to 10.0 mg/kg
		Fenarimol		0.01 mg/kg to 10.0 mg/kg
		Fenazaquin		0.01 mg/kg to 10.0 mg/kg
		Fenitrothion		0.01 mg/kg to 10.0 mg/kg
		Fenobucarb		0.01 mg/kg to 10.0 mg/kg
		Fenpropathrin		0.01 mg/kg to 10.0 mg/kg
		Fenpyroximate		0.01 mg/kg to 10.0 mg/kg
		Fenthion	NRPL/STP/CH/ 76 & 80, Issue No: 1 and Date 25.10.2018 AOAC official method 2007.01	0.01 mg/kg to 10.0 mg/kg
		Fenthion-sulfone		0.01 mg/kg to 10.0 mg/kg
		Fenthion-sulphoxide		0.01 mg/kg to 10.0 mg/kg
		Fenvalerate		0.01 mg/kg to 10.0 mg/kg
		Fipronil		0.005 mg/kg to 10.0 mg/kg
		Fipronilsulfone		0.005 mg/kg to 10.0 mg/kg

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		Flubendiamide		0.01 mg/kg to 10.0 mg/kg
		Flufenacet		0.01 mg/kg to 10.0 mg/kg
		Flufenoxuron		0.01 mg/kg to 10.0 mg/kg
		Flufenzine		0.01 mg/kg to 10.0 mg/kg
		Fluopicolide		0.01 mg/kg to 10.0 mg/kg
		Fluopyram		0.01 mg/kg to 10.0 mg/kg
		Flusilazole		0.01 mg/kg to 10.0 mg/kg
		Fluxapyroxad		0.01 mg/kg to 10.0 mg/kg
		Forchlorfenuron		0.01 mg/kg to 10.0 mg/kg
		Alpha-HCH		0.01 mg/kg to 10.0 mg/kg
		Beta-HCH		0.01 mg/kg to 10.0 mg/kg
		Delta-HCH		0.01 mg/kg to 10.0 mg/kg
		Heptachlor		0.01 mg/kg to 10.0 mg/kg
		Heptachlor epoxide		0.01 mg/kg to 10.0 mg/kg
		Hexaconazole		0.01 mg/kg to 10.0 mg/kg
		Hexythiazox		0.01 mg/kg to 10.0 mg/kg
		Imidacloprid		0.01 mg/kg to 10.0 mg/kg
		Indoxacarb		0.01 mg/kg to 10.0 mg/kg
		Iodosulfuron-methyl		0.01 mg/kg to 10.0 mg/kg
		Iprobenphos		0.01 mg/kg to 10.0 mg/kg
		Iprodione		0.01 mg/kg to 10.0 mg/kg
		Iprovalicarb		0.01 mg/kg to 10.0 mg/kg
		Isoprothiolane	NRPL/STP/CH/ 76 & 80, Issue No: 1 and Date 25.10.2018 AOAC official method 2007.01	0.01 mg/kg to 10.0 mg/kg
		Isoproturon		0.01 mg/kg to 10.0 mg/kg
		Kresoxim methyl		0.01 mg/kg to 10.0 mg/kg
		Lambda-cyhalothrin		0.01 mg/kg to 10.0 mg/kg
		Lindane		0.01 mg/kg to 10.0 mg/kg
		Linuron		0.01 mg/kg to 10.0 mg/kg
		Lufenuron		0.01 mg/kg to 10.0 mg/kg
		Malathion		0.01 mg/kg to 10.0 mg/kg
		Malaoxon		0.01 mg/kg to 10.0 mg/kg
		Mandipropamid		0.01 mg/kg to 10.0 mg/kg

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		Metalaxyl		0.01 mg/kg to 10.0 mg/kg
		Metalaxyl-M		0.01 mg/kg to 10.0 mg/kg
		Methamidophos		0.01 mg/kg to 10.0 mg/kg
		Methomyl		0.01 mg/kg to 10.0 mg/kg
		Metolachlor		0.01 mg/kg to 10.0 mg/kg
		Metrafenone		0.01 mg/kg to 10.0 mg/kg
		Metribuzin		0.01 mg/kg to 10.0 mg/kg
		Milbemycin A3		0.01 mg/kg to 10.0 mg/kg
		Milbemycin A4		0.01 mg/kg to 10.0 mg/kg
		Monocrotophos		0.01 mg/kg to 10.0 mg/kg
		Myclobutanil		0.01 mg/kg to 10.0 mg/kg
		Novaluron		0.01 mg/kg to 10.0 mg/kg
		Omethoate		0.01 mg/kg to 10.0 mg/kg
		Oxadiazon		0.01 mg/kg to 10.0 mg/kg
		Oxycarboxin		0.01 mg/kg to 10.0 mg/kg
		Oxydemeton- methyl		0.01 mg/kg to 10.0 mg/kg
		Demeton-S-methyl sulfone		0.01 mg/kg to 10.0 mg/kg
		Oxyfluorfen		0.01 mg/kg to 10.0 mg/kg
		Paclobutrazol	NRPL/STP/CH/ 76 & 80, Issue No: 1 and Date 25.10.2018 AOAC official method 2007.01	0.01 mg/kg to 10.0 mg/kg
		Parathion ethyl		0.01 mg/kg to 10.0 mg/kg
		Parathion methyl		0.01 mg/kg to 10.0 mg/kg
		Paraoxon methyl		0.01 mg/kg to 10.0 mg/kg
		Penconazole		0.01 mg/kg to 10.0 mg/kg
		Pencycuron		0.01 mg/kg to 10.0 mg/kg
		Pendimethalin		0.01 mg/kg to 10.0 mg/kg
		cis-Permethrin		0.01 mg/kg to 10.0 mg/kg
		trans-Permethrin		0.01 mg/kg to 10.0 mg/kg
		Phenthoate		0.01 mg/kg to 10.0 mg/kg
		Phorate		0.01 mg/kg to 10.0 mg/kg
		Phorate-sulfone		0.01 mg/kg to 10.0 mg/kg
		Phorate-sulfoxide		0.01 mg/kg to 10.0 mg/kg

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		Phosalone		0.01 mg/kg to 10.0 mg/kg
		Phosphamidon		0.01 mg/kg to 10.0 mg/kg
		Primiphos methyl		0.01 mg/kg to 10.0 mg/kg
		Profenophos		0.01 mg/kg to 10.0 mg/kg
		Propamocarb		0.01 mg/kg to 10.0 mg/kg
		Propanil		0.01 mg/kg to 10.0 mg/kg
		Propargite		0.01 mg/kg to 10.0 mg/kg
		Propetamphos		0.01 mg/kg to 10.0 mg/kg
		Propiconazole		0.01 mg/kg to 10.0 mg/kg
		Propoxur		0.01 mg/kg to 10.0 mg/kg
		Pyraclostrobin		0.01 mg/kg to 10.0 mg/kg
		Pyridaben		0.01 mg/kg to 10.0 mg/kg
		Pyriproxyfen		0.01 mg/kg to 10.0 mg/kg
		Quinalphos		0.01 mg/kg to 10.0 mg/kg
		Simazine		0.01 mg/kg to 10.0 mg/kg
		Spinosyn A		0.01 mg/kg to 10.0 mg/kg
		Spinosyn D	NRPL/STP/CH/ 76 & 80, Issue No: 1 and Date 25.10.2018 AOAC official method 2007.01	0.01 mg/kg to 10.0 mg/kg
		Spirodiclofen		0.01 mg/kg to 10.0 mg/kg
		Spiromesifen		0.01 mg/kg to 10.0 mg/kg
		tau-Fluvalinate		0.01 mg/kg to 10.0 mg/kg
		Tebuconazole		0.01 mg/kg to 10.0 mg/kg
		Temephos		0.01 mg/kg to 10.0 mg/kg
		Tetraconazole		0.01 mg/kg to 10.0 mg/kg
		Thiabendazole		0.01 mg/kg to 10.0 mg/kg
		Thiacloprid		0.01 mg/kg to 10.0 mg/kg
		Thiamethoxam		0.01 mg/kg to 10.0 mg/kg
		Thiobencarb		0.01 mg/kg to 10.0 mg/kg
		Thiocyclam		0.01 mg/kg to 10.0 mg/kg
		Thiodicarb		0.01 mg/kg to 10.0 mg/kg
		Thiometon		0.01 mg/kg to 10.0 mg/kg
		Thiophanate-methyl		0.01 mg/kg to 10.0 mg/kg
		Tolfenpyrad		0.01 mg/kg to 10.0 mg/kg

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		Transfluthrin		0.01 mg/kg to 10.0 mg/kg
		Triadimefon		0.01 mg/kg to 10.0 mg/kg
		Triadimenol		0.01 mg/kg to 10.0 mg/kg
		Triazophos		0.01 mg/kg to 10.0 mg/kg
		Trichlorfon		0.01 mg/kg to 10.0 mg/kg
		Tricyclazole		0.01 mg/kg to 10.0 mg/kg
		Tridemorph		0.01 mg/kg to 10.0 mg/kg
		Trifloxystrobin		0.01 mg/kg to 10.0 mg/kg
		Trifluralin		0.01 mg/kg to 10.0 mg/kg
III.	WATER			
1.	Drinking Water, Packaged Natural Mineral Water	Colour and true Colour	IS 3025 Part – 4 / NRPL/STP/CH/28; Issue No. 01; Issue Date05.02.2017	1 Hazan to 30 Hazan
		Odour	IS 3025 Part- 5 / NRPL/STP/CH/28; Issue No. 01; Issue Date05.02.2017	Qualitative (Agreeable or Disagreeable)
		Taste	IS 3025 Part -8/ NRPL/STP/CH/28; Issue No. 01; Issue Date05.02.2017	Qualitative (Agreeable or Disagreeable)
		Total Dissolved solid	IS 3025 Part -16/ NRPL/STP/CH/28; Issue No. 01; Issue Date05.02.2017	50 mg/l to 1000 mg/l
		Turbidity	IS 3025 Part-10/ NRPL/STP/CH/28; Issue No. 01; Issue Date05.02.2017	0.2 NTU to 10 NTU
		pH	IS 3025 Part -11 / NRPL/STP/CH/28/	4 to 12

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			Issue No. 01; Issue Date 05.02.2017	
		Nitrate	IS 3025 Part-34 / NRPL/STP/CH/28;	0.5 mg/l to 60 mg/ L
		Nitrite	Issue No. 01; Issue Date 05.02.2017	0.02 mg/l to 1.0 mg/l
		Fluoride	IS 3025 Part 60/ NRPL/STP/CH/28; Issue No. 01; Issue Date 05.02.2017	Qualitative (Present /Absent)
		Chloride	IS 3025 Part-32/ NRPL/STP/CH/28; Issue No. 01; Issue Date 05.02.2017	5 mg/l to 400 mg/l
		Sulphate	IS 3025 Part-24/ NRPL/STP/CH/28; Issue No. 01; Issue Date 05.02.2017	25 mg/l to 200 mg/l
		Alkalinity	IS 3025 Part-23/ NRPL/STP/CH/28; Issue No. 01; Issue Date 05.02.2017	10 mg/l to 500 mg/l
		Calcium	IS 3025 Part-40 / NRPL/STP/CH/28; Issue No. 01; Issue Date 05.02.2017	4.8 mg/l to 500 mg/l
		Magnesium	IS 3025 Part-46/ NRPL/STP/CH/28; Issue No. 01; Issue Date 05.02.2017	0.10 mg/l to 100 mg/l
		Sodium	IS 3025 Part-45/ NRPL/STP/CH-28/=; Issue No. 01; Issue Date 05.02.2017	5.5 mg/l to 200 mg/l

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Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
		Residual free chlorine	IS 3025 Part-26/ NRPL/STP/CH-28; Issue No. 01; Issue Date 05.02.2017	0.1 mg/l to 20 mg/l
		Phenolic compound	IS 3025 Part-43/ NRPL/STP/CH-28; Issue No. 01; Issue Date 05.02.2017	1.0 mg/l to 10 mg/l
		Anionic surface active	IS 13428 / NRPL/STP/CH-28; Issue No. 01; Issue Date 05.02.2017	0.1 mg/l to 0.5 mg/l
		Sulphide	IS 3025 Part-29/ NRPL/STP/CH-28; Issue No. 01; Issue Date 05.02.2017	Qualitative (Present / Absent)
		Borates	IS 13423/ NRPL/STP/CH-28; Issue No. 01; Issue Date 05.02.2017	0.01 mg/l to 10.0 mg/l
		Cyanide	IS 3025 Part-27/ NRPL/STP/CH-28; Issue No. 01; Issue Date 05.02.2017	0.02 mg/l to 1.0 mg/l
2.	Mineral Water, Borewell Water, River Water, Domestic Water, Dam Water, Potable Water, Corporation Water	Colour and true Colour	NRPL/STP/CH/28; Issue No. 01; Issue Date 15.08.2018 IS 3025 Part – 4	1 Hazan to 30 Hazan
		Odour	NRPL/STP/CH/28; Issue No. 01; Issue Date 15.08.2018 IS 3025 Part- 5	Qualitative (Agreeable or Disagreeable)
		Total Dissolved solid	NRPL/STP/CH/28; Issue No. 01;	50 mg/l to 1000 mg/l

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			Issue Date 15.08.2018 IS 3025 Part -16	
		Turbidity	NRPL/STP/CH/28; Issue No. 01; Issue Date 15.08.2018 IS 3025 Part-10	0.2 NTU to 10 NTU
		pH	NRPL/STP/CH/28/ Issue No. 01; Issue Date 15.08.2018 IS 3025 Part -11	4 to 12
		Nitrate	NRPL/STP/CH/28; Issue No. 01; Issue Date 15.08.2018 IS 3025 Part-34	500 µg/l to 6000 µg/l
		Chloride	NRPL/STP/CH/28; Issue No. 01; Issue Date 15.08.2018 IS 3025 Part-32	5000 µg/l to 400000 µg/ l
		Alkalinity	NRPL/STP/CH/28; Issue No. 01; Issue Date 15.08.2018 IS 3025 Part-23	10000 µg/l to 500000 µg/ l
		Calcium	NRPL/STP/CH/28; Issue No. 01; Issue Date 15.08.2018 IS 3025 Part-40	4800 µg/l to 500000 µg/ l
		Magnesium	NRPL/STP/CH/28; Issue No. 01; Issue Date 15.08.2018 IS 3025 Part-46	100 µg/l to 100000 µg/ l
		Sodium	NRPL/STP/CH-28/; Issue No. 01; Issue Date 15.08.2018 IS 3025 Part-45	5500 µg/l to 200000 µg/ l

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		Residual free chlorine	NRPL/STP/CH-28; Issue No. 01; Issue Date 15.08.2018 IS 3025 Part-26	100 µg/l to 20000 µg/ l
		Anionic surface active	NRPL/STP/CH-28; Issue No. 01; Issue Date 15.08.2018 IS 13428	100 µg/l to 500 µg/ l
		Sulphide	NRPL/STP/CH-28; Issue No. 01; Issue Date 15.08.2018 IS3025 Part-29	Qualitative (Present /Absent)
		Mineral oil	IS 3025 — (Part 39) Infrared partition method	50 µg/l to 10000 µg/l
IV.	RESIDUES IN WATER			
1.	Drinking Water, Packaged Natural Mineral Water	Polychlorinated biphenyls (PCB):		
		2 Chlorobiphenyl	NRPL/STP/CH/49; Issue No. 01;ssue Date06.08.2017/ APHA,22 nd edition; 6630-C, 6128	0.00007mg/l to 1.0mg/l
		2,3 Dichlorobiphenyl		0.00007mg/l to 1.0mg/l
		2,2',4,4'- tetrachlorobiphenyl		0.00007mg/l to 1.0mg/l
		2,4',5 Trichlorobiphenyl		0.00007mg/l to 1.0mg/l
		2,2',3',4,6- Pentachlorobiphenyl		0.00007mg/l to 1.0mg/l
		2,2,,4,4',5,6' Hexachlorobiphenyl		0.00007mg/l to 1.0mg/l
		2,2',3,3',4,4',6- Heptachlorobiphenyl		0.00007mg/l to 1.0mg/l
		2,2',3,3',4,5,6,6'- Octachlorobiphenyl		0.00007mg/l to 1.0mg/l
		Polynuclear aromatic hydrocarbons (PAH):		
	Naphthalene	NRPL/STP/CH/49;		0.00007mg/l to 1.0mg/l

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		Acenaphthylene	Issue No. 01; Issue Date 06.08.2017/ APHA 22 nd edition ; 6630-C, 6128	0.00007mg/l to 1.0mg/l
		Acenaphthene		0.00007mg/l to 1.0mg/l
		Fluorene		0.00007mg/l to 1.0mg/l
		Phenanthrene		0.00007mg/l to 1.0mg/l
		Anthracene		0.00007mg/l to 1.0mg/l
		Fluoranthene		0.00007mg/l to 1.0mg/l
		Pyrene		0.00007mg/l to 1.0mg/l
		Benzo(a)anthracene		0.00007mg/l to 1.0mg/l
		Chrysene		0.00007mg/l to 1.0mg/l
		Benzo(b)fluoranthene		0.00007mg/l to 1.0mg/l
		Benzo(k)fluoranthene		0.00007mg/l to 1.0mg/l
		Benzo(a)pyrene		0.00007mg/l to 1.0mg/l
		Indeno (1,2,3 ,c, d) pyrene		0.00007mg/l to 1.0mg/l
		Dibenzo(a,h)anthracene		0.00007mg/l to 1.0mg/l
		Benzo(g,h,i) perylene	0.00007mg/l to 1.0mg/l	
		Pesticide Residues		
		p,p DDT	0.00007mg/l to 1.0mg/l	
		o,p DDT	0.00007mg/l to 1.0mg/l	
		p,p DDE	0.00007mg/l to 1.0mg/l	
		o,p DDE	0.00007mg/l to 1.0mg/l	
		p,p DDD	0.00007mg/l to 1.0mg/l	
		o,p DDD	0.00007mg/l to 1.0mg/l	
		γ HCH (Lindane)	0.00007mg/l to 1.0mg/l	
		α HCH	0.00007mg/l to 1.0mg/l	
		β HCH	0.00007mg/l to 1.0mg/l	
		δ HCH	0.00007mg/l to 1.0mg/l	
		α Endosulfan	0.00007mg/l to 1.0mg/l	
		β Endosulfan	0.00007mg/l to 1.0mg/l	
		Endosulfan Sulphate	0.00007mg/l to 1.0mg/l	
		Monocrotophos	0.00007mg/l to 1.0mg/l	
		Ethion	0.00007mg/l to 1.0mg/l	

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		Chlorpyrifos		0.00007mg/l to 1.0mg/l
		Phorate		0.00007mg/l to 1.0mg/l
		Phorate sulphoxide		0.00007mg/l to 1.0mg/l
		Phorate sulphone		0.00007mg/l to 1.0mg/l
		2,4-D		0.00007mg/l to 1.0mg/l
		Butachlor		0.00007mg/l to 1.0mg/l
		Isoproturon		0.00007mg/l to 1.0mg/l
		Alachlor		0.00007mg/l to 1.0mg/l
		Atrazine		0.00007mg/l to 1.0mg/l
		Methyl Parathion		0.00007mg/l to 1.0mg/l
		Methyl Paraaxon		0.00007mg/l to 1.0mg/l
		Malathion		0.00007mg/l to 1.0mg/l
		Maloxon		0.00007mg/l to 1.0mg/l
		Aldrin		0.00007mg/l to 1.0mg/l
		Dieldrin		0.00007mg/l to 1.0mg/l
		Endrin		0.00007mg/l to 1.0mg/l
		Heptachlor exo-epoxide		0.00007mg/l to 1.0mg/l
		Heptachlor		0.00007mg/l to 1.0mg/l
		Trace Metal Elements		
		Barium	IS 13428/IS 15302/ NRPL/STP/CH/28; Issue No. 01; Issue Date 05.02.2017	0.006 mg/l to 5 mg/l
		Copper	IS 3025 Part -42/ NRPL/STP/CH/28; Issue No. 01; Issue Date 05.02.2017	0.004 mg/l to 5 mg/l
		Iron	IS 3025 Part-53/ NRPL/STP/CH/28; Issue No. 01; Issue Date05.02.2017	0.006 mg/l to 5 mg/l
		Manganese	IS 3025 Part-59/ NRPL/STP/CH/28; Issue No. 01;	0.005 mg/l to 5.0 mg/l

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			Issue Date 05.02.2017	
		Zinc	IS 3025 Part-49 / NRPL/STP/CH/28; Issue No. 01; Issue Date 05.02.2017	0.5 mg/l to 5 mg/l
		Silver	IS 13428/NRPL/STP/CH/28 Issue No. 01; Issue Date 05.02.2017	0.0006 mg/l to 5 mg/l
		Aluminium	IS 3025 Part-55/ NRPL/STP/CH/28; Issue No. 01; Issue Date 05.02.2017	0.006 mg/l to 5 mg/l
		Selenium	IS 3025 PART-56/ NRPL/STP/CH-28/ Issue No. 01; Issue Date 05.02.2017	0.008 mg/l to 5.0 mg/l
		Antimony	IS 13428/ NRPL/STP/CH-28; Issue No. 01; Issue Date 05.02.2017	0.0005 mg/l to 5 mg/l
		Mercury	IS 3025 Part 48 / NRPL/STP/CH-28; Issue No. 01; Issue Date 05.02.2017	0.0005 mg/l to 5.0 mg/l
		Cadmium	IS 3025 Part 41/ NRPL/STP/CH-28; Issue No. 01; Issue Date 05.02.2017	0.0007 mg/l to 5.0 mg/l
		Arsenic	IS 3025 Part 37/ NRPL/STP/CH-28; Issue No. 01; Issue Date 05.02.2017	0.003 mg/l to 5.0 mg/l
		Lead	IS 3025 Part 47/ NRPL/STP/CH-28;	0.005 mg/l to 5.0 mg/l

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			Issue No. 01; Issue Date 05.02.2017	
		Total Chromium	IS 13428/ NRPL/STP/CH-28; Issue No. 01; Issue Date 05.02.2017	0.005 mg/l to 5.0 mg/l
		Nickel	NRPL/STP/CH-28; Issue No. 01; Issue Date 05.02.2017	0.002 mg/l to 5.0 mg/l
		Mineral oil	IS 3025 — (Part 39) Infrared partition method	0.05 mg/l to 10 mg/l
2.	Mineral Water, Borewell Water, River Water, Domestic Water, Dam Water, Potable Water, Corporation Water	Pesticide Residues		
		p,p DDT	NRPL/STP/CH/49; Issue No. 01; Issue Date 06.08.2017/	0.07 µg/l to 1000 µg/l
		o,p DDT	APHA 22 nd edition ; 6630-C, 6128	0.07 µg/l to 1000 µg/l
		p,p DDE		0.07 µg/l to 1000 µg/l
		o,p DDE		0.07 µg/l to 1000 µg/l
		p,p DDD		0.07 µg/l to 1000 µg/l
		o,p DDD		0.07 µg/l to 1000 µg/l
		γ HCH (Lindane)		0.07 µg/l to 1000 µg/l
		α HCH		0.07 µg/l to 1000 µg/l
		β HCH		0.07 µg/l to 1000 µg/l
		δ HCH		0.07 µg/l to 1000 µg/l
		α Endosulfan		0.07 µg/l to 1000 µg/l
		β Endosulfan		0.07 µg/l to 1000 µg/l
		Endosulfan Sulphate		0.07 µg/l to 1000 µg/l
		Monocrotophos		0.07 µg/l to 1000 µg/l
		Ethion		0.07 µg/l to 1000 µg/l
	Chlorpyrifos		0.07 µg/l to 1000 µg/l	
	Phorate		0.07 µg/l to 1000 µg/l	
	Phoratesulphoxide		0.07 µg/l to 1000 µg/l	
	Phoratesulphone		0.07 µg/l to 1000 µg/l	
	2,4-D		0.07 µg/l to 1000 µg/l	
	Butachlor		0.07 µg/l to 1000 µg/l	
	Isoproturon		0.07 µg/l to 1000 µg/l	

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		Alachlor		0.07 µg/l to 1000 µg/l
		Atrazine		0.07 µg/l to 1000 µg/l
		Methyl Parathion		0.07 µg/l to 1000 µg/l
		Methyl Paraoxon		0.07 µg/l to 1000 µg/l
		Malathion		0.07 µg/l to 1000 µg/l
		Maloxon		0.07 µg/l to 1000 µg/l
		Aldrin		0.07 µg/l to 1000 µg/l
		Dieldrin		0.07 µg/l to 1000 µg/l
		Endrin		0.07 µg/l to 1000 µg/l
		Heptachlor exo-epoxide		0.07 µg/l to 1000 µg/l
		Heptachlor		0.07 µg/l to 1000 µg/l
		Trace metal Elements		
		Barium	NRPL/STP/CH/28; Issue No. 01; Issue Date 15.08.2018/ IS 13428/ IS 15302/	6 µg/l to 5000 µg/l
		Copper	NRPL/STP/CH/28; Issue No. 01; Issue Date 15.08.2018/ IS 3025 Part -42/	4 µg/l to 5000 µg/l
		Iron	NRPL/STP/CH/28; Issue No. 01; Issue Date 15.08.2018 / IS 3025 Part-53/	6 µg/l to 5000 µg/l
		Manganese	NRPL/STP/CH/28; Issue No. 01; Issue Date 15.08.2018 / IS 3025 Part-59	5 µg/l to 5000.0 µg/l
		Zinc	NRPL/STP/CH/28; Issue No. 01; Issue Date 15.08.2018 / IS 3025 Part-49	500 µg/l to 5000 µg/l
		Silver	NRPL/STP/CH/28;	0.6 µg/l to 5000 µg/l

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			Issue No. 01; Issue Date 15.08.2018 / IS 13428	
		Aluminium	NRPL/STP/CH-28; Issue No. 01; Issue Date 15.08.2018 / IS 3025 Part-55	6 µg/l to 5 µg/l
		Selenium	NRPL/STP/CH-28; Issue No. 01; Issue Date 15.08.2018 / IS 3025 PART-56	8 µg/l to 5000 µg/l
		Antimony	NRPL/STP/CH-28; Issue No. 01; Issue Date 15.08.2018 / IS 13428	0.5 µg/l to 5000 µg/l
		Mercury	NRPL/STP/CH-28; Issue No. 01; Issue Date 15.08.2018/ IS 3025 Part 48	0.5 µg/l to 5.0 µg/l
		Cadmium	NRPL/STP/CH-28; Issue No. 01; Issue Date 15.08.2018 / IS 3025 Part 41	0.7 µg/l to 5000 µg/l
		Arsenic	NRPL/STP/CH-28; Issue No. 01; Issue Date 15.08.2018 / IS 3025 Part 37	3 µg/l to 5000 µg/l
		Lead	NRPL/STP/CH-28; Issue No. 01; Issue Date 15.08.2018/ IS 3025 Part 47	5 µg/l to 5000 µg/l
		Total Chromium	NRPL/STP/CH-28; Issue No. 01; Issue Date 15.08.2018/	5 µg/l to 5000 µg/l

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			IS 13428	
		Nickel	NRPL/STP/CH-28; Issue No. 01; Issue Date 15.08.2018/ IS 13428	2 µg/l to 5000 µg/l
		Boron	NRPL/STP/CH-28; Issue No. 01; Issue Date 15.08.2018 / IS 13428	5 µg/l to 5000 µg/l
V.	NUTRACEUTICALS & HEALTH CARE PRODUCT			
1.	Nutraceuticals & Health Care Product:	Vitamin A Palmitate	NRPL/STP/CH/07; Issue No. 03; Issue Date 28.10.2016	100 mcg/g to 600 mcg/g
		Folic Acid		40 mcg/g to 250 mcg/g
		Iron		1mg/g to 40 mg/g
		Zinc		0.5mg/g to 20 mg/g
		Vitamin C		15mg/g to 45 mg/g
		Vitamin A acetate	NRPL/STP/CH/071; Issue no: 01 & Issue date: 25.10.2018	1.0 mg/kg to 1000.00 mg/kg
		Niacin	NRPL/STP/CH/071; Issue no: 01 & Issue date: 25.10.2018/ AOAC (20 th Edition) 968.52	10 mg/kg to 1000mg/kg
		Niacinamide		
		Thiaminmononitrate(Vitamin B1)	NRPL/STP/CH/071; Issue no: 01 & Issue date: 25.10.2018/ AOAC (20 th Edition) 968.52	5.0 mg/kg to 1000 mg/kg
		Riboflavin (Vitamin B2)	NRPL/STP/CH/071; Issue no: 01 & Issue date: 25.10.2018/ AOAC (20 th Edition) 968.52	3.0 mg/kg to 1000 mg/kg

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		Cyancobalmine (Vitamin B12)	NRPL/STP/CH/071; Issue no: 01 & Issue date: 25.10.2018/ AOAC (20 th Edition)968.52	1 mg/kg to 1000 mg/kg
		Pyrodoxine Hydrochloride (Vitamin B6)	NRPL/STP/CH/071; Issue no: 01 & Issue date:25.10.2018/ AOAC (20 th Edition)968.52	3.5 mg/kg to 1000 mg/kg
		Vitamin E	AOAC (20 th Edition) 2012.09	10 mg/kg to 1000 mg/kg
		Calcium	AOAC (20 th Edition) 2015.16	0.1 mg/100g to 500 mg/100g
		Potassium	AOAC (20 th Edition) 2015.16	0.1 mg/100g to 500 mg/100g
		Zinc	AOAC (20 th Edition) 2016.06	0.1 mg/100g to 500 mg/100g
		Phosphorous	AOAC (20 th Edition) 2015.06	0.1 mg/100g to 500 mg/100g
		Magnesium	AOAC (20 th Edition) 2015.06	0.1 mg/100g to 500 mg/100g
		Sodium	AOAC (20 th Edition) 2015.06	0.1 mg/100g to 500 mg/100g
		Copper	AOAC (20 th Edition) 2015.06	0.1 mg/100g to 500 mg/100g
		Moisture	AOAC (20 th Edition) 927.05	0.1 mg/100g to 20 g/100g
		Total Ash	AOAC (20 th Edition) 941.07	0.1 mg/100g to 20 g/100g
		Acid Insoluble Ash	AOAC (20 th Edition)941.07	0.01 mg/100g to 5 g/100g
		Fat	AOAC (20 th Edition)932.06	0.1 mg/100g to 50 g/100g

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		Protein	AOAC (20 th Edition)991.23	0.1 mg/100g to 50 g/100g
		Total Carbohydrate (By Calculation)	AOAC Methods of analysis for Nutritional labeling, 1993	10 mg/100g to 600g/100g
		Energy (By calculation)	AOAC Methods of analysis for Nutritional labeling, 1993	10 kcal/100g to 600 kcal/100g
		Rancidity	AOAC Official Method 965.33	Qualitative (Present /Absent)
		pH	NRPL/STP/ CH-52, Issue No: 1 & Date : 5.08.2018	1 to 14
		Dietary Fibre	AOAC Official Method 993.19	0.1 g/100g to 50 g/100g
VI.	ANIMAL FOOD & FEED			
1.	Animal Food & Feed products:	Moisture	NRPL/STP/CH/060;Issue no: 01 & Issue date: 25.10.2018/IS 7874 Part -1	0.1 g/100g to 50.0 g/100g
		Crude Fat	NRPL/STP/CH/060;Issue no: 01 & Issue date: 25.10.2018/IS 7874 Part -1	0.1 g/100g to 50.0 g/100g
		Crude Protein	NRPL/STP/CH/060;Issue no: 01 & Issue date: 25.10.2018/IS 7874 Part -1	0.1 g/100g to 70.0 g/100g
		Total Ash	NRPL/STP/CH/060;Issue no: 01 & Issue date: 25.10.2018/IS 7874 Part -1	0.1 g/100g to 10.0 g/100g
		Sand & silica/ Acid insoluble Ash	NRPL/STP/CH/060 :Issue no: 01 & Issue date: 25.10.2018/IS 7874 Part -1	0.1 g/100g to 10.0 g/100g
		Crude Fibre	NRPL/STP/CH/060:Issue no: 01 & Issue date:	0.1 g/100g to 30.0 g/100g

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Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-6593

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Last Amended on 11.12.2018

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
			25.10.2018/IS 7874 Part -1	
		Leather Meal Adulteration	NRPL/STP/CH/060;Issue no: 01 & Issue date: 25.10.2018	Qualitative (Present/absent)
		Magnesium	IS 15121	0.1 mg/kg to 500 mg/kg
		Potassium	IS 15121	0.1 mg/kg to 500mg/kg
		Zinc	IS 15121	0.1 mg/kg to 500mg/kg
		Copper	IS 15121	0.1 mg/kg to 500mg/kg
		Sodium	IS 15121	0.1 mg/kg to 500mg/kg
		Iron	IS 15121	0.1 mg/kg to 500mg/kg
		Calcium	NRPL/STP/CH/060;Issue no: 01 & Issue date: 25.10.2018/IS: 7874 Part II	1 g/100g to 50 g/100g
		Phosphorous	NRPL/STP/CH/060;Issue no: 01 & Issue date: 25.10.2018/ IS: 7874 Part II	1 g/100g to 30 g/100g