



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name ADARSH SCIENTIFIC RESEARCH CENTER & TESTING LAB. PVT.LTD.,, GUT NO. 104, MUMBAI-PUNE EXPRESS HIGHWAY, PANVEL, RAIGAD, MAHARASHTRA , INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-8132 Page No. : 1 / 38

Validity 26/11/2018 to 25/11/2020 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery and confectionery, sugar products, chocolates	Detection of Escherichia coli	IS 5887(Part 1): 1976, Reaffirmed: 2018	Qualitative(Present or Absent)
2	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery and confectionery, sugar products, chocolates	Salmonella	IS 5887(Part 3): 1999 Reaffirmed: 2018	Qualitative(Present/Absent)
3	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	carbonated beverages	Aerobic Microbial Count/Total Viable Count/Total Plate Count/Total Bacterial Count	IS 5402:2012; Reaffirmed 2018: 2018	1 cfu/ml to 50 cfu/ml
4	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	carbonated beverages	Detection of Escherichia coli	IS 5887(Part 1): 1976, Reaffirmed: 2018	Qualitative(Present or Absent)
5	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	carbonated beverages	Salmonella	IS 5887(Part 3): 1999 Reaffirmed: 2018	Qualitative(Present/Absent)
6	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked food, Daal, Soup	Detection of Escherichia coli	IS 5887(Part 1): 1976, Reaffirmed: 2018	Qualitative(Present or Absent)
7	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked food, Daal, Soup	Salmonella	IS 5887(Part 3): 1999 Reaffirmed: 2018	Qualitative(Present or Absent)
8	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked food, Ready-to-eat, Ready-to-serve, Snacks and instant mixes	Detection of Escherichia coli	IS 5887(Part 1): 1976, Reaffirmed: 2018	Qualitative(Present/Absent)



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9	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked food, Ready-to-eat, Ready-to-serve, Snacks and instant mixes	Salmonella	IS 5887(Part 3): 1999 Reaffirmed: 2018	Qualitative(Present/Absent)
10	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and Dairy products	Detection of Escherichia coli	IS 5887(Part 1): 1976, Reaffirmed: 2018	Qualitative(Present or Absent)
11	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and Dairy products	Salmonella	IS 5887(Part 3): 1999 Reaffirmed: 2018	Qualitative(Present or Absent)
12	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and Dairy Products (Ice- Cream)	Aerobic Microbial Count/Total Viable Count/Total Plate Count/Total Bacterial Count	IS 5402:2012; Reaffirmed 2018: 2018	10 cfu/g to 100000 cfu/g
13	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut products, packaged food items	Detection of Escherichia coli	IS 5887(Part 1): 1976, Reaffirmed: 2018	Qualitative(Present or Absent)
14	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut products, packaged food items	Salmonella	IS 5887(Part 3): 1999 Reaffirmed: 2018	Qualitative(Present/Absent)
15	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw, cooked, Thermally processed product	Aerobic Microbial Count/Total Viable Count/Total Plate Count/Total Bacterial Count	IS 5402:2012; Reaffirmed 2018: 2018	10 cfu/g to 10000 cfu/g
16	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw, cooked, Thermally processed product	Detection of Escherichia coli	IS 5887(Part 1): 1976, Reaffirmed: 2018	Qualitative(Present or Absent)



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17	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw, cooked, Thermally processed product	Salmonella	IS 5887(Part 3): 1999 Reaffirmed: 2018	Qualitative(Present/Absent)
18	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices , herbs, codiments, spices whole or ground, or their mixes and their products	Detection of Escherichia coli	IS 5887(Part 1): 1976, Reaffirmed: 2018	Qualitative(Present or Absent)
19	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices , herbs, codiments, spices whole or ground, or their mixes and their products	Salmonella	IS 5887(Part 3): 1999 Reaffirmed: 2018	Qualitative(Present/Absent)
20	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetable & Vegetable products	Salmonella	IS 5887(Part 3): 1999 Reaffirmed: 2018	Qualitative(Present or Absent)
21	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetable & Vegetable products	Aerobic Microbial Count/Total Viable Count/Total Plate Count/Total Bacterial Count	IS 5402:2012; Reaffirmed 2018: 2018	10 cfu/g to 40000 cfu/g
22	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetable & Vegetable products	Detection of Escherichia coli	IS 5887(Part 1): 1976, Reaffirmed: 2018	Qualitative(Present or Absent)
23	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetable and vegetable products, Raw, cooked and thermally processed products	Aerobic Microbial Count/Total Viable Count/Total Plate Count/Total Bacterial Count	IS 5402: 2012	10 cfu/gm to 40000 cfu/g



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24	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetable and vegetable products, Raw, Fresh and thermally processed products	Detection of Escherichia coli	IS 5887(Part 1): 1976, Reaffirmed: 2018	Qualitative(Present or Absent)
25	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetable and vegetable products, Raw, Fresh and thermally processed products	Salmonella	IS 5887(Part 3): 1999 Reaffirmed: 2018	Qualitative(Present/Absent)
26	BIOLOGICAL- WATER	Drinking water	Detection of Escherichia coli	IS 15185: 2016	Qualitative(Present or Absent)
27	BIOLOGICAL- WATER	Drinking water	Detection of Pseudomonas aeruginosa	Annex D of IS 13428:2005, Reaffirmed, Amds.4: 2014	Qualitative(Present or Absent/250 ml)
28	BIOLOGICAL- WATER	Drinking water	Detection of Sulphite reducing anaerobes	Annex C of IS 13428:2005, Reaffirmed, Amds.4: 2014	Qualitative(Present or Absent)
29	BIOLOGICAL- WATER	Drinking water	Detection of Yeast and Moulds	IS 5403:1999, Reaffirmed: 2018	Qualitative(Present or Absent/250 ml)
30	BIOLOGICAL- WATER	Drinking water	Salmonella	IS 15187: 2016	Qualitative(Present/Absent)
31	BIOLOGICAL- WATER	Drinking water	Total Coliforms	IS1622:1981,Reaffirmed: 2014	Qualitative(MPN index /100 ml)
32	BIOLOGICAL- WATER	Drinking water	Total Coliforms	IS1622:1981,Reaffirmed: 2014	Qualitative(2-542 MPN index /100ml)



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Permanent Facility					
33	BIOLOGICAL- WATER	Packaged drinking water	Aerobic Microbial Count at 20 to 22 o C in 72 h	IS 5402: 2012	1 cfu/ml to 100 cfu/ml
34	BIOLOGICAL- WATER	Packaged Drinking water	Aerobic Microbial Count at 37o C in 24 h	IS 5402: 2012	1 cfu/ml to 20 cfu/ml
35	BIOLOGICAL- WATER	Packaged drinking water	Detection of Escherichia coli	IS 15185: 2016	Qualitative(Present or Absent/250 ml / 100 ml)
36	BIOLOGICAL- WATER	Packaged drinking water	Detection of Pseudomonas aeruginosa	Annex D of IS 13428:2005, Reaffirmed, Amds.4: 2014	Qualitative(Present or Absent/250 ml)
37	BIOLOGICAL- WATER	Packaged drinking water	Detection of Yeast and Moulds	IS 5403:1999, Reaffirmed: 2018	Qualitative(Present or Absent/250 ml)
38	BIOLOGICAL- WATER	Packaged drinking water	Salmonella	IS 15187: 2016	Qualitative(Present/Absent per 250ml or 100ml)
39	BIOLOGICAL- WATER	Packaged drinking water	Standard Plate Count	IS 5402:2012/ISO4833:2003: 2012	Qualitative
40	BIOLOGICAL- WATER	Packaged drinking water	Sulphite reducing anaerobes	Annex C of IS 13428:2005, Reaffirmed, Amds.4: 2014	Qualitative(Present or Absent/50 ml)
41	BIOLOGICAL- WATER	Packaged drinking water	Total Coliforms	IS1622:1981,Reaffirmed: 2014	Qualitative(2-542 MPN index /100 ml)
42	BIOLOGICAL- WATER	Packaged drinking water	Total Coliforms	IS1622:1981reaffirmed 2014: 2014	Qualitative(2-542 MPN / 100 ml)



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Permanent Facility					
43	BIOLOGICAL- WATER	Packaged natural mineral water	Aerobic Microbial Count at 20 to 22o C in 72 h	IS 5402:2012 reaffirmed 2018: 2018	1 cfu/ml to 100 cfu/ml
44	BIOLOGICAL- WATER	Packaged natural mineral water	Aerobic Microbial Count at 37o C in 24 h	IS 5402:2012; Reaffirmed 2018: 2018	1 cfu/ml to 20 cfu/ml
45	BIOLOGICAL- WATER	Packaged natural mineral water	Detection of Escherichia coli	IS 15185: 2016	Qualitative(Present or Absent/250 ml / 100 ml)
46	BIOLOGICAL- WATER	Packaged natural mineral water	Detection of Pseudomonas aeruginosa	Annex D of IS 13428:2005, Reaffirmed, Amds.4: 2014	Qualitative(Present or Absent/250 ml)
47	BIOLOGICAL- WATER	Packaged natural mineral water	Detection of Sulphite reducing anaerobes	Annex C of IS 13428:2005, Reaffirmed, Amds.4: 2014	Qualitative(Present or Absent/50 ml)
48	BIOLOGICAL- WATER	Packaged natural mineral water	Detection of Yeast and Moulds	IS 5403:1999 Reaffirmed 2018: 2018	Qualitative(Present or Absent/250 ml)
49	BIOLOGICAL- WATER	Packaged natural mineral water	Salmonella	IS 15187: 2016	Qualitative(Present/Absent per 250ml or 100ml)
50	BIOLOGICAL- WATER	Packaged natural mineral water	Standard Plate Count	IS 1622:1981: 1981	Qualitative
51	BIOLOGICAL- WATER	Packaged natural mineral water	Total Coliforms	IS1622:1981 Reaffirmed 2014: 2014	Qualitative(2-542 MPN index /100 ml)
52	BIOLOGICAL- WATER	Packaged natural mineral water	Total Coliforms	IS1622:1981: 1981, reaffirmed 2014	Qualitative(2-542 MPN index /100 ml)



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Permanent Facility					
53	BIOLOGICAL- WATER	Water from swimming pool and spas	Detection of Escherichia coli	IS 15185: 2016	Qualitative(Present or Absent)
54	BIOLOGICAL- WATER	Water from swimming pool and spas	Detection of Pseudomonas aeruginosa	Annex D of IS 13428:2005, Reaffirmed, Amds.4: 2014	Qualitative(Present or Absent/250 ml)
55	BIOLOGICAL- WATER	Water from swimming pool and spas	Detection of Sulphite reducing anaerobes	Annex C of IS 13428:2005, Reaffirmed, Amds.4: 2014	Qualitative(Present or Absent)
56	BIOLOGICAL- WATER	Water from swimming pool and spas	Detection of Yeast and Moulds	IS 5403:1999, Reaffirmed: 2018	Qualitative(Present or Absent)
57	BIOLOGICAL- WATER	Water from swimming pool and spas	Salmonella	IS 15187: 2016	Qualitative(Present/Absent per 250ml or 100ml)
58	BIOLOGICAL- WATER	Water from swimming pool and spas	Standard plate Count	IS1622:1981: 1981	1 cfu/ml to basis dilution factor cfu/ml
59	BIOLOGICAL- WATER	Water from swimming pool and spas	Standard Plate Count	IS 5402:2012: 2012, reaffirmed 2018	1 cfu/ml to basis dilution factor cfu/ml
60	BIOLOGICAL- WATER	Water from swimming pool and spas	Standard Plate Count	IS 1622:1981 Reaffirmed 2014: 2014	Qualitative(Absent/present)
61	BIOLOGICAL- WATER	Water from swimming pool and spas	Total Coliforms	IS1622:1981 Reaffirmed 2014: 2014	Qualitative(MPN index /100 ml)
62	BIOLOGICAL- WATER	Water from swimming pool and spas	Total Coliforms	IS1622:1981,Reaffirmed: 2014	Qualitative(2-542 MPN index /100ml)
63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Alcoholic and non alcoholic beverages	Caffeine	ASL/SOP/C/030 Issue no 02 and issue date 26/11/2018: 2018	0.01 % to 50 %



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64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and confectionery	Acid insoluble ash	FSSAI MANUAL CEREALS & CEREALS PRODUCT (15.4): 2016	0.01 g/100g to 2 g/100g
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and confectionery	Crude fiber	IS 1483(1988) (RA) : 2015	0.5 g/100g to 30 g/100g
66	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionery	Moisture	FSSAI MANUAL CEREALS & CEREALS PRODUCT (15.2): 2016	1 g/100g to 90 g/100g
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery, confectionery and sugar products	Acid insoluble ash	FSSAI MANUAL CEREALS & CEREALS PRODUCT (14.4): 2016	0.01 g/100g to 2 g/100g
68	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery, confectionery and sugar products	Moisture	FSSAI MANUAL CEREALS & CEREALS PRODUCT (14.3): 2016	0.5 g/100g to 50 g/100g
69	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery, confectionery milk and sugar products	Fat	FSSAI MANUAL BEVERAGES, SUGAR & CONFECTIONERY PRODUCTS(A.8): 2015	1 g/100g to 50 g/100g
70	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery, confectionery, chocolates and sugar products	Crude fiber	FSSAI MANUAL CEREALS & CEREALS PRODUCT (8.8): 2016	0.5 g/100g to 30 g/100g



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71	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery, confectionery, chocolates and sugar products	Fat	IS 12711:1989 (RA): 2015	1 g/100g to 50 g/100g
72	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cane sugar & refined sugar	Ash	FSSAI MANUAL BEVERAGES, SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(7.3): 2015	0.01 g/100g to 50 g/100g
73	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cane sugar/ Refined sugar	Moisture	FSSAI MANUAL BEVERAGES, SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(7.2): 2015	0.01 g/100g to 50 g/100g
74	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and cereal product	Ash	FSSAI MANUAL CEREALS & CEREALS PRODUCT (8.2): 2016	0.1 g/100g to 10 g/100g
75	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and cereal products	Acid insoluble ash	FSSAI MANUAL CEREALS & CEREALS PRODUCT (8.3): 2016	0.01 g/100g to 2 g/100g
76	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and cereal products	Crude fiber	FSSAI MANUAL CEREALS & CEREALS PRODUCT (8.8): 2016	1 g/100g to 30 g/100g
77	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and cereal products	Gluten	FSSAI MANUAL CEREALS & CEREALS PRODUCT (8.4): 2016	0.5 g/100g to 30 g/100g



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78	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and cereal products	Protein	FSSAI MANUAL CEREALS & CEREALS PRODUCT (8.7): 2016	0.5 g/100g to 40 g/100g
79	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and cereal products (Atta)	Moisture	FSSAI MANUAL CEREALS & CEREALS PRODUCT (8.1): 2016	0.5 g/100g to 30 g/100g
80	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and cereal products (Food grains)	Moisture	FSSAI MANUAL CEREALS & CEREALS PRODUCT (2.0): 2016	0.5 g/100g to 30 g/100g
81	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chocolate and chocolate products	Acid insoluble ash	FSSAI MANUAL BEVERAGES, SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(C.6): 2015	0.01 g/100g to 2 g/100g
82	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chocolate and chocolate products	Moisture	FSSAI MANUAL BEVERAGES, SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(C.2): 2015	0.1 g/100g to 50 g/100g
83	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chocolate and chocolate products	Protein	FSSAI MANUAL BEVERAGES, SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(C.13): 2015	1 g/100g to 50 g/100g



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84	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chocolate and chocolate products	Reducing sugar	FSSAI MANUAL BEVERAGES,SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(C.9): 2015	1 g/100g to 90 g/100g
85	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cocoa and cocoa products	Acid insoluble ash	FSSAI MANUAL BEVERAGES,SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(4.5): 2015	0.01 g/100g to 2 g/100g
86	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cocoa and cocoa products	Ash	FSSAI MANUAL BEVERAGES,SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(4.4): 2015	1 g/100g to 50 g/100g
87	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cocoa and cocoa products	Moisture	FSSAI MANUAL BEVERAGES,SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(4.2): 2015	1 g/100g to 25 g/100g
88	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Condensed / Evaporated Skimmed milk	Acidity	FSSAI LAB MANUAL MILK & MILK PRODUCTS (9.5): 2016	0.1 g/100g to 20 g/100g
89	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Condensed / Evaporated Skimmed milk	Fat	FSSAI LAB MANUAL MILK & MILK PRODUCTS (9.3): 2016	1 g/100g to 25 g/100g



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90	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Condensed / Evaporated Skimmed milk	Total solids	FSSAI LAB MANUAL MILK & MILK PRODUCTS (9.2): 2016	10 g/100g to 50 g/100g
91	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dried Ice- Cream mix, Dried Frozen Dessert & Confectionery	Moisture	FSSAI LAB MANUAL MILK & MILK PRODUCTS(8.2): 2016	1 g/100g to 20 g/100g
92	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dry milk powder & skimmed milk powder	Acid insoluble ash	FSSAI LAB MANUAL MILK & MILK PRODUCTS (10.8): 2016	0.01 g/100g to 2 g/100g
93	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dry milk powder & skimmed milk powder	Ash	FSSAI LAB MANUAL MILK & MILK PRODUCTS (10.7): 2016	0.1 g/100g to 20 g/100g
94	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dry milk powder & skimmed milk powder	Moisture	FSSAI LAB MANUAL MILK & MILK PRODUCTS (10.2): 2016	1 g/100g to 10 g/100g
95	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oil and fats	Monounsaturated Fatty Acids (MUFA)	AOAC 20th Ed. 996.01: 2016	0.1 % to 100 %
96	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oil and fats	Omega 9 FattyAcid	AOAC 20th Ed. 996.01: 2016	0.1 % to 100 %
97	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oils and fats	DHA	AOAC 20th Ed. 996.01: 2016	0.1 % to 100 %



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Permanent Facility					
98	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oils and fats	Moisture	FSSAI LAB MANUAL OIL & FATS (3.0): 2015	0.01 g/100g to 10 g/100g
99	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oils and fats	Omega 3 Fatty Acid	AOAC 20th Ed. 996.01: 2016	0.1 % to 100 %
100	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oils and fats	Omega 6 FattyAcid	AOAC 20th Ed. 996.01: 2016	0.1 % to 100 %
101	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oils and fats	Polyunsaturated Fatty Acids (PUFA)	AOAC 20th Ed. 996.01: 2016	0.1 % to 100 %
102	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oils and fats	Saturated Fatty Acid	AOAC 18th Ed. 996.01: 2018	0.1 % to 100 %
103	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oils and fats	Trans Fats	AOAC 20th Ed. 996.01: 2016	0.1 % to 100 %
104	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fish and fish products, raw, cooked, dried, frozen , processed	Acid insoluble ash	FSSAI LAB MANUAL fish &fish PRODUCTS (2.4): 2016	0.01 g/100g to 2 g/100g
105	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fish and fish products, raw, cooked, dried, frozen , processed	Moisture	FSSAI LAB MANUAL fish &fish PRODUCTS (2.2): 2016	5 g/100g to 25 g/100g
106	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey and honey products	Acidity	FSSAI MANUAL BEVERAGES, SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(6.8): 2015	0.01 g/100gm to 25 g/100gm



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107	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey and honey products	Ash	FSSAI MANUAL BEVERAGES,SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(6.7): 2015	0.1 g/100g to 50 g/100g
108	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey and honey products	Moisture	FSSAI MANUAL BEVERAGES,SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(6.2): 2015	1 g/100g to 50 g/100g
109	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey and honey products	Sugar	FSSAI MANUAL BEVERAGES,SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(6.4): 2015	5 g/100g to 100 g/100g
110	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant foods	Vitamin- A (as Retinol)	AOAC 20th Ed. 2001.13,2016: 2016	15 µg/100g to 5000 µg/100g
111	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Instant Coffee Powder	Acid insoluble ash	FSSAI MANUAL BEVERAGES,SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(1.5): 2015	0.01 g/100g to 2 g/100g
112	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Instant Coffee Powder	Ash	FSSAI MANUAL BEVERAGES,SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(3.2): 2015	1 g/100g to 50 g/100g



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113	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Instant Coffee Powder	Moisture	FSSAI MANUAL BEVERAGES,SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(3.1): 2015	1 g/100g to 30 g/100g
114	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and meat products, raw, cooked, frozen	Total fat	FSSAI LAB MANUAL MEAT & MEAT PRODUCTS (2.1): 2016	1 g/100g to 60 g/100g
115	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and meat products, raw, cooked, frozen and processed	Moisture	IS 5960(Part-5) (2.1): 2013	10 g/100g to 80 g/100g
116	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & dairy products (Chakka/ Shrikhand)	Ash	FSSAI LAB MANUAL MILK & MILK PRODUCTS (14.6): 2016	0.1 g/100g to 50 g/100g
117	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & dairy products (Chakka/ Shrikhand)	Protein	FSSAI LAB MANUAL MILK & MILK PRODUCTS (14.4): 2016	1 g/100g to 50 g/100g
118	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy products (Butter milk)	Moisture	FSSAI LAB MANUAL MILK & MILK PRODUCTS (12.2): 2016	1 g/100g to 20 g/100g
119	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy products (Butter)	Fat	IS 3507 (RA) : 2012	1 g/100g to 90 g/100g



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120	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy products (Butter)	Moisture	FSSAI LAB MANUAL MILK & MILK PRODUCTS (12.2): 2016	1 g/100g to 50 g/100g
121	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy products (Chakka/ Shrikhand)	Acidity	FSSAI LAB MANUAL MILK & MILK PRODUCTS (14.5): 2016	1 g/100g to 25 g/100g
122	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy products (Chakka/ Shrikhand)	Fat	FSSAI LAB MANUAL MILK & MILK PRODUCTS (14.3): 2016	1 g/100g to 50 g/100g
123	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy products (Channa/ Paneer)	Fat	FSSAI LAB MANUAL MILK & MILK PRODUCTS (5.3): 2016	1 g/100g to 50 g/100g
124	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy products (Channa/ Paneer)	Moisture	FSSAI LAB MANUAL MILK & MILK PRODUCTS (5.2): 2016	20 g/100g to 90 g/100g
125	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy products (Cheese)	Moisture	FSSAI LAB MANUAL MILK & MILK PRODUCTS (6.2): 2016	1 g/100g to 60 g/100g
126	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy products (Cream, Malai)	Fat	FSSAI LAB MANUAL MILK & MILK PRODUCTS (2.2): 2016	1 g/100g to 50 g/100g



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127	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy products (Curd)	Fat	FSSAI LAB MANUAL MILK & MILK PRODUCTS (4.2): 2016	1 g/100g to 50 g/100g
128	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy products (Ghee)	Moisture	FSSAI LAB MANUAL MILK & MILK PRODUCTS (13.2): 2016	0.01 g/100g to 10 g/100g
129	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy products (Ice- Cream)	Protein	FSSAI LAB MANUAL MILK & MILK PRODUCTS (7.5): 2016	1 g/100g to 50 g/100g
130	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy products (Ice- cream)	Total Solids	FSSAI LAB MANUAL MILK & MILK PRODUCTS (7.2): 2016	20 g/100g to 80 g/100g
131	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy products (Ice-cream)	Fat	FSSAI LAB MANUAL MILK & MILK PRODUCTS (7.4): 2016	1 g/100g to 50 g/100g
132	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy products (Kheer)	Fat	FSSAI LAB MANUAL MILK & MILK PRODUCTS (6.3): 2016	1 g/100g to 50 g/100g
133	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products (Khoa)	Fat	FSSAI LAB MANUAL MILK & MILK PRODUCTS (11.3): 2016	1 g/100g to 50 g/100g



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134	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy products (Khoa)	Moisture	FSSAI LAB MANUAL MILK & MILK PRODUCTS (11.2): 2016	10 g/100g to 50 g/100g
135	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy products (Liquid milk)	Acidity	IS 1479 (Part – 1): 2016	0.01 g/100g to 5 g/100g
136	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy products (Liquid milk)	Fat	FSSAI LAB MANUAL MILK & MILK PRODUCTS (1.3.4): 2016	1 g/100g to 50 g/100g
137	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy products (Liquid milk)	Protein	FSSAI LAB MANUAL MILK & MILK PRODUCTS(3.4.1.1): 2016	1 g/100g to 20 g/100g
138	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy products (Liquid milk)	Total solids	FSSAI LAB MANUAL MILK & MILK PRODUCTS (1.3.3): 2016	1 g/100g to 90 g/100g
139	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy products (Yoghurt)	Acidity	FSSAI LAB MANUAL MILK & MILK PRODUCTS (15.5): 2016	1 g/100g to 25 g/100g
140	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy products (Yoghurt)	Fat	FSSAI LAB MANUAL MILK & MILK PRODUCTS (15.3): 2016	0.1 g/100g to 50 g/100g



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141	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy products (Yoghurt)	Protein	FSSAI LAB MANUAL MILK & MILK PRODUCTS (15.4): 2016	1 g/100g to 50 g/100g
142	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen, Ready-to-eat, Ready-to-serve, snacks and instant mixes	Fat	IS 15271(annex D): 2013	1 g/100g to 50 g/100g
143	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skim/ Dry milk powder, Instant milk food, Infant formula, milk cereal, weaning food, processed cereal based weaning food	Fat	FSSAI LAB MANUAL MILK & MILK PRODUCTS (10.3): 2016	1 g/100g to 25 g/100g
144	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices , herbs, condiments, spices whole or ground, or their mixes and their products	Acid insoluble ash	FSSAI LAB MANUAL SPICES & CONDIMENTS (5.0): 2015	0.01 g/100g to 2 g/100g
145	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices , herbs, condiments, spices whole or ground, or their mixes and their products	Crude fiber	FSSAI LAB MANUAL SPICES & CONDIMENTS (11.0): 2015	1 g/100g to 30 g/100g
146	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices , herbs, condiments, spices whole or ground, or their mixes and their products	Moisture	FSSAI LAB MANUAL SPICES & CONDIMENTS (3.0): 2015	1 g/100g to 20 g/100g



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147	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices , herbs, condiments, spices whole or ground, or their mixes and their products	Starch	IS 4706 – [P-2]: 2015	1 g/100g to 90 g/100g
148	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices , herbs, condiments, spices whole or ground, or their mixes and their products	Total Ash	FSSAI LAB MANUAL SPICES & CONDIMENTS (4.0): 2015	1 g/100g to 50 g/100g
149	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and sugar products	Acid insoluble ash	FSSAI MANUAL BEVERAGES,SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(9.4): 2015	0.01 g/100g to 2 g/100g
150	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and sugar products	Ash	FSSAI MANUAL BEVERAGES,SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(9.3): 2015	0.1 g/100g to 50 g/100g
151	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and sugar products (Jaggery)	Moisture	FSSAI MANUAL BEVERAGES,SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(9.1): 2015	1 g/100g to 50 g/100g
152	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar boiled confectionary	Acid insoluble ash	IS 6287 (RA) : 2016	0.01 g/100g to 2 g/100g



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153	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar boiled confectionary	Moisture	FSSAI MANUAL BEVERAGES,SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(A.2): 2015	0.1 g/100g to 50 g/100g
154	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar boiled confectionary	Protein	FSSAI MANUAL BEVERAGES,SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(A.7): 2015	1 g/100g to 50 g/100g
155	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar boiled confectionary	Reducing sugar	FSSAI MANUAL BEVERAGES,SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(A.9): 2015	1 g/100g to 60 g/100g
156	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea and tea products	Acid insoluble ash	FSSAI MANUAL BEVERAGES,SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(5.5): 2015	0.01 g/100g to 2 g/100g
157	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea and tea products	Caffeine	ASL/SOP/C/030 Issue no 01 and issue date 08/06/2018: 2018	0.1 % to 10 %
158	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea and tea products	Crude fiber	FSSAI MANUAL BEVERAGES,SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(5.8): 2015	1 g/100g to 30 g/100g



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159	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea and tea products	Moisture	FSSAI MANUAL BEVERAGES,SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(5.2): 2015	1 g/100g to 50 g/100g
160	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea and tea products	Total ash	FSSAI MANUAL BEVERAGES,SUGAR, SUGAR PRODUCT & CONFECTIONERY PRODUCTS(5.3): 2015	0.1 g/100g to 50 g/100g
161	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and vegetable products, Raw, cooked and thermally processed products	Ash	FSSAI LAB MANUAL FRUITS & VEGTABLE PRODUCTS (14.4): 2016	0.1 g/100g to 50 g/100g
162	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and vegetable products, Raw, Fresh and thermally processed product	Acidity	FSSAI LAB MANUAL FRUITS & VEGTABLE PRODUCTS (2.4): 2016	0.01 g/100g to 5 g/100g
163	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and vegetable products, Raw, Fresh and thermally processed products	Sugar	FSSAI LAB MANUAL FRUITS & VEGTABLE PRODUCTS (2.6): 2016	2 g/100g to 90 g/100g
164	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and vegetable products, Ready-to-eat	Acidity	FSSAI LAB MANUAL FRUITS & VEGTABLE PRODUCTS (5.2): 2016	0.01 g/100g to 5 g/100g



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165	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and vegetable products, Ready-to-eat	Moisture	FSSAI LAB MANUAL FRUITS & VEGETABLE PRODUCTS (4.1): 2016	1 g/100g to 30 g/100g
166	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and vegetable products, Ready-to-eat products	Acid insoluble ash	FSSAI LAB MANUAL FRUITS & VEGETABLE PRODUCTS (5.3): 2016	0.05 g/100g to 2 g/100g
167	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals & Cereals Products	Aldrin	ASL/SOP/C/029 Issue no 02 and issue date 26/11/2018: 2018	0.01 mg/kg to 100 mg/kg
168	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals & Cereals Products	BHC - delta	ASL/SOP/C/029 Issue no 02 and issue date 26/11/2018: 2018	0.01 mg/kg to 100 mg/kg
169	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals & Cereals Products	BHC -beta	ASL/SOP/C/029 Issue no 02 and issue date 26/11/2018: 2018	0.01 mg/kg to 100 mg/kg
170	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals & Cereals Products	BHC -gamma (lindane , gamma HCH)	ASL/SOP/C/029 Issue no 02 and issue date 26/11/2018: 2018	0.01 mg/kg to 100 mg/kg
171	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals & Cereals Products	BHC-alpha (benzene hexachloride)	ASL/SOP/C/029 Issue no 02 and issue date 26/11/2018: 2018	0.01 mg/kg to 100 mg/kg
172	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals & Cereals Products	Chlordane - cis	ASL/SOP/C/029 Issue no 02 and issue date 26/11/2018: 2018	0.01 mg/kg to 100 mg/kg
173	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals & Cereals Products	Chlordane - trans	ASL/SOP/C/029 Issue no 02 and issue date 26/11/2018: 2018	0.01 mg/kg to 100 mg/kg



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174	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Cereals & Cereals Products	DDD- p,p'	ASL/SOP/C/029 Issue no 02 and issue date 26/11/2018: 2018	0.01 mg/kg to 100 mg/kg
175	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Cereals & Cereals Products	DDE-P,P'	ASL/SOP/C/029 Issue no 02 and issue date 26/11/2018: 2018	0.01 mg/kg to 100 mg/kg
176	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Cereals & Cereals Products	DDT-p,p'	ASL/SOP/C/029 Issue no 02 and issue date 26/11/2018: 2018	0.01 mg/kg to 100 mg/kg
177	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Cereals & Cereals Products	Dieldrin	ASL/SOP/C/029 Issue no 02 and issue date 26/11/2018: 2018	0.01 mg/kg to 100 mg/kg
178	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Cereals & Cereals Products	Endosulfan sulfate	ASL/SOP/C/029 Issue no 02 and issue date 26/11/2018: 2018	0.01 mg/kg to 100 mg/kg
179	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Cereals & Cereals Products	Endosulfan II (beta isomer)	ASL/SOP/C/029 Issue no 02 and issue date 26/11/2018: 2018	0.01 mg/kg to 100 mg/kg
180	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Cereals & Cereals Products	Endrin	ASL/SOP/C/029 Issue no 02 and issue date 26/11/2018: 2018	0.01 mg/kg to 100 mg/kg
181	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Cereals & Cereals Products	Endrin aldehyde	ASL/SOP/C/029 Issue no 02 and issue date 26/11/2018: 2018	0.01 mg/kg to 100 mg/kg
182	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Cereals & Cereals Products	Endrin ketone	ASL/SOP/C/029 Issue no 02 and issue date 26/11/2018: 2018	0.01 mg/kg to 100 mg/kg



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Permanent Facility					
183	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Cereals & Cereals Products	Heptachlor	ASL/SOP/C/029 Issue no 02 and issue date 26/11/2018: 2018	0.01 mg/kg to 100 mg/kg
184	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Cereals & Cereals Products	Heptachloro exo - epoxide	ASL/SOP/C/029 Issue no 02 and issue date 26/11/2018: 2018	0.01 mg/kg to 1000 mg/kg
185	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Cereals & Cereals Products	Methoxychlor, p,p'	ASL/SOP/C/029 Issue no 02 and issue date 26/11/2018: 2018	0.01 mg/kg to 100 mg/kg
186	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Cereals and Bakery product	Aluminium	ASL/SOP/C/031 Issue no 01 and issue date 12/03/2018: 2018	0.25 mg/Kg to 10000 mg/Kg
187	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Cereals and Bakery product	Cadmium	ASL/SOP/C/031 Issue no 01 and issue date 12/03/2018: 2018	0.1 mg/Kg to 100 mg/Kg
188	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Cereals and Bakery product	Chromium	ASL/SOP/C/031 Issue no 01 and issue date 12/03/2018: 2018	0.1 mg/Kg to 100 mg/Kg
189	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Cereals and Bakery product	Copper	ASL/SOP/C/031 Issue no 01 and issue date 12/03/2018: 2018	0.25 mg/Kg to 150 mg/Kg
190	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Cereals and Bakery product	Iron	ASL/SOP/C/031 Issue no 01 and issue date 12/03/2018: 2018	0.25 mg/Kg to 10000 mg/Kg
191	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Cereals and Bakery product	Lead	ASL/SOP/C/031 Issue no 01 and issue date 12/03/2018: 2018	0.5 mg/Kg to 100 mg/Kg



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
192	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Cereals and Bakery product	Manganese	ASL/SOP/C/031 Issue no 01 and issue date 12/03/2018: 2018	0.25 mg/Kg to 500 mg/Kg
193	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Cereals and Bakery product	Nickel	ASL/SOP/C/031 Issue no 01 and issue date 12/03/2018: 2018	0.5 mg/Kg to 100 mg/Kg
194	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Cereals and Bakery product	Tin	ASL/SOP/C/031 Issue no 01 and issue date 12/03/2018:: 2018	0.5 mg/Kg to 500 mg/Kg
195	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Cereals and Bakery product	Zinc	ASL/SOP/C/031 Issue no 01 and issue date 12/03/2018: 2018	0.25 mg/Kg to 500 mg/Kg
196	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Fruit & Fruit Products, Vegetable & vegetable products, raw, fresh ,frozen dried and processed	Aldrin	ASL/SOP/C/028 Issue no 01 and issue date 30/06/2018: 2018	0.01 mg/kg to 100 mg/kg
197	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Fruit & Fruit Products, Vegetable & vegetable products, raw, fresh ,frozen dried and processed	BHC - delta	ASL/SOP/C/028 Issue no 01 and issue date 30/06/2018: 2018	0.01 mg/kg to 100 mg/kg
198	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Fruit & Fruit Products, Vegetable & vegetable products, raw, fresh ,frozen dried and processed	BHC -beta	ASL/SOP/C/028 Issue no 01 and issue date 30/06/2018: 2018	0.01 mg/kg to 100 mg/kg



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
199	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Fruit & Fruit Products, Vegetable & vegetable products, raw, fresh, frozen dried and processed	BHC -gamma (lindane , gamma HCH)	ASL/SOP/C/028 Issue no 01 and issue date 30/06/2018: 2018	0.01 mg/kg to 100 mg/kg
200	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Fruit & Fruit Products, Vegetable & vegetable products, raw, fresh, frozen dried and processed	BHC-alpha (benzene hexachloride)	ASL/SOP/C/028 Issue no 01 and issue date 30/06/2018: 2018	0.01 mg/kg to 100 mg/kg
201	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Fruit & Fruit Products, Vegetable & vegetable products, raw, fresh, frozen dried and processed	Cadmium	ASL/SOP/C/031 Issue no 01 and issue date 12/03/2018: 2018	0.02 mg/Kg to 100 mg/Kg
202	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Fruit & Fruit Products, Vegetable & vegetable products, raw, fresh, frozen dried and processed	Chlordane - cis	ASL/SOP/C/028 Issue no 01 and issue date 30/06/2018: 2018	0.01 mg/kg to 100 mg/kg
203	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Fruit & Fruit Products, Vegetable & vegetable products, raw, fresh, frozen dried and processed	Chlordane - trans	ASL/SOP/C/028 Issue no 01 and issue date 30/06/2018: 2018	0.01 mg/kg to 100 mg/kg



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Permanent Facility					
204	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Fruit & Fruit Products, Vegetable & vegetable products, raw, fresh, frozen dried and processed	DDD- p,p'	ASL/SOP/C/028 Issue no 01 and issue date 30/06/2018: 2018	0.01 mg/kg to 100 mg/kg
205	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Fruit & Fruit Products, Vegetable & vegetable products, raw, fresh, frozen dried and processed	DDE-P,P'	ASL/SOP/C/028 Issue no 01 and issue date 30/06/2018: 2018	0.01 mg/kg to 100 mg/kg
206	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Fruit & Fruit Products, Vegetable & vegetable products, raw, fresh, frozen dried and processed	DDT-p,p'	ASL/SOP/C/028 Issue no 01 and issue date 30/06/2018: 2018	0.01 mg/kg to 100 mg/kg
207	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Fruit & Fruit Products, Vegetable & vegetable products, raw, fresh, frozen dried and processed	Dieldrin	ASL/SOP/C/028 Issue no 01 and issue date 30/06/2018: 2018	0.01 mg/kg to 100 mg/kg
208	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Fruit & Fruit Products, Vegetable & vegetable products, raw, fresh, frozen dried and processed	Endosulfan sulfate	ASL/SOP/C/028 Issue no 01 and issue date 30/06/2018: 2018	0.01 mg/kg to 100 mg/kg



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
209	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Fruit & Fruit Products, Vegetable & vegetable products, raw, fresh, frozen dried and processed	Endosulfan I (alpha isomer)	ASL/SOP/C/028 Issue no 01 and issue date 30/06/2018: 2018	0.01 mg/kg to 100 mg/kg
210	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Fruit & Fruit Products, Vegetable & vegetable products, raw, fresh, frozen dried and processed	Endosulfan II (beta isomer)	ASL/SOP/C/028 Issue no 01 and issue date 30/06/2018: 2018	0.01 mg/kg to 100 mg/kg
211	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Fruit & Fruit Products, Vegetable & vegetable products, raw, fresh, frozen dried and processed	Endrin	ASL/SOP/C/028 Issue no 01 and issue date 30/06/2018: 2018	0.01 mg/kg to 100 mg/kg
212	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Fruit & Fruit Products, Vegetable & vegetable products, raw, fresh, frozen dried and processed	Endrin aldehyde	ASL/SOP/C/028 Issue no 01 and issue date 30/06/2018: 2018	0.01 mg/kg to 100 mg/kg
213	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Fruit & Fruit Products, Vegetable & vegetable products, raw, fresh, frozen dried and processed	Endrin ketone	ASL/SOP/C/028 Issue no 01 and issue date 30/06/2018: 2018	0.01 mg/kg to 100 mg/kg



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
214	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Fruit & Fruit Products, Vegetable & vegetable products, raw, fresh, frozen dried and processed	Heptachlor	ASL/SOP/C/028 Issue no 01 and issue date 30/06/2018: 2018	0.01 mg/kg to 100 mg/kg
215	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Fruit & Fruit Products, Vegetable & vegetable products, raw, fresh, frozen dried and processed	Heptachloro exo - epoxide	ASL/SOP/C/028 Issue no 01 and issue date 30/06/2018: 2018	0.01 mg/kg to 100 mg/kg
216	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Fruit & Fruit Products, Vegetable & vegetable products, raw, fresh, frozen dried and processed	Lead	ASL/SOP/C/031 Issue no 01 and issue date 12/03/2018: 2018	0.1 mg/Kg to 100 mg/Kg
217	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Fruit & Fruit Products, Vegetable & vegetable products, raw, fresh, frozen dried and processed	Methoxychlor, p,p'	ASL/SOP/C/028 Issue no 01 and issue date 30/06/2018: 2018	0.01 mg/kg to 100 mg/kg
218	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Spices, herbs, condiments, spices whole or ground, or their mixes and their products	Aluminium	ASL/SOP/C/031 Issue no 01 and issue date 12/03/2018: 2018	0.25 mg/Kg to 10000 mg/Kg



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
219	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Spices , herbs, codiments, spices whole or ground, or their mixes and their products	Barium	ASL/SOP/C/031 Issue no 01 and issue date 12/03/2018: 2018	1 mg/Kg to 500 mg/Kg
220	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Spices , herbs, codiments, spices whole or ground, or their mixes and their products	Cadmium	ASL/SOP/C/031 Issue no 01 and issue date 12/03/2018: 2018	0.1 mg/Kg to 100 mg/Kg
221	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Spices , herbs, codiments, spices whole or ground, or their mixes and their products	Copper	ASL/SOP/C/031 Issue no 01 and issue date 12/03/2018: 2018	0.25 mg/Kg to 150 mg/Kg
222	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Spices , herbs, codiments, spices whole or ground, or their mixes and their products	Iron	ASL/SOP/C/031 Issue no 01 and issue date 12/03/2018: 2018	0.25 mg/Kg to 10000 mg/Kg
223	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Spices , herbs, codiments, spices whole or ground, or their mixes and their products	Lead	ASL/SOP/C/031 Issue no 01 and issue date 12/03/2018: 2018	0.5 mg/Kg to 100 mg/Kg
224	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Spices , herbs, codiments, spices whole or ground, or their mixes and their products	Magnesium	ASL/SOP/C/031 Issue no 01 and issue date 12/03/2018: 2018	0.25 mg/Kg to 10000 mg/Kg



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
225	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Spices , herbs, codiments, spices whole or ground, or their mixes and their products	Manganese	ASL/SOP/C/031 Issue no 01 and issue date 12/03/2018: 2018	0.25 mg/Kg to 500 mg/Kg
226	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Spices , herbs, codiments, spices whole or ground, or their mixes and their products	Molybdenum	ASL/SOP/C/031 Issue no 01 and issue date 12/03/2018: 2018	0.5 mg/Kg to 100 mg/Kg
227	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Spices , herbs, codiments, spices whole or ground, or their mixes and their products	Potassium	ASL/SOP/C/031 Issue no 01 and issue date 12/03/2018: 2018	0.25 mg/Kg to 20000 mg/Kg
228	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Spices , herbs, codiments, spices whole or ground, or their mixes and their products	Sodium	ASL/SOP/C/031 Issue no 01 and issue date 12/03/2018: 2018	0.25 mg/Kg to 10000 mg/Kg
229	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Spices , herbs, codiments, spices whole or ground, or their mixes and their products	Tin	ASL/SOP/C/031 Issue no 01 and issue date 12/03/2018: 2018	1 mg/Kg to 500 mg/Kg
230	CHEMICAL-RESIDUES IN FOOD PRODUCTS	Spices , herbs, codiments, spices whole or ground, or their mixes and their products	Zinc	ASL/SOP/C/031 Issue no 01 and issue date 12/03/2018: 2018	0.25 mg/Kg to 500 mg/Kg



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
231	CHEMICAL-RESIDUES IN WATER	Drinking Water	2,2',3,3',4,4',6-Heptachlorobiphenyl	ASL/SOP/C/033 Issue no 01 and issue date 07/03/2018: 2018	0.01 µg/L to 1000 µg/L
232	CHEMICAL-RESIDUES IN WATER	Drinking Water	2,2',3',4,6-Pentachlorobiphenyl	ASL/SOP/C/033 Issue no 01 and issue date 07/03/2018: 2018	0.01 µg/L to 1000 µg/L
233	CHEMICAL-RESIDUES IN WATER	Drinking Water	2,2',4,4',5,6'-Hexachlorobiphenyl	ASL/SOP/C/033 Issue no 01 and issue date 07/03/2018: 2018	0.01 µg/L to 1000 µg/L
234	CHEMICAL-RESIDUES IN WATER	Drinking Water	2,2',4,4'-Tetrachlorobiphenyl	ASL/SOP/C/033 Issue no 01 and issue date 07/03/2018: 2018	0.01 µg/L to 1000 µg/L
235	CHEMICAL-RESIDUES IN WATER	Drinking Water	2,3-Dichlorobiphenyl	ASL/SOP/C/033 Issue no 01 and issue date 07/03/2018: 2018	0.01 µg/L to 1000 µg/L
236	CHEMICAL-RESIDUES IN WATER	Drinking Water	2,4,5-Trichlorobiphenyl	ASL/SOP/C/033 Issue no 01 and issue date 07/03/2018: 2018	0.01 µg/L to 1000 µg/L
237	CHEMICAL-RESIDUES IN WATER	Drinking Water	2-Bromonaphthalene	ASL/SOP/C/033 Issue no 01 and issue date 07/03/2018: 2018	0.01 µg/L to 1000 µg/L
238	CHEMICAL-RESIDUES IN WATER	Drinking Water	2-Chlorobiphenyl	ASL/SOP/C/033 Issue no 01 and issue date 07/03/2018: 2018	0.01 µg/L to 1000 µg/L
239	CHEMICAL-RESIDUES IN WATER	Drinking Water	Acenaphthylene	ASL/SOP/C/033 Issue no 01 and issue date 07/03/2018: 2018	0.01 µg/L to 1000 µg/L



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Permanent Facility					
240	CHEMICAL-RESIDUES IN WATER	Drinking Water	Aluminium	ASL/SOP/C/027 Issue no 01 and issue date 12/03/2018: 2018	0.01 mg/L to 25 mg/L
241	CHEMICAL-RESIDUES IN WATER	Drinking Water	Anthracene	ASL/SOP/C/033 Issue no 01 and issue date 07/03/2018: 2018	0.01 µg/L to 1000 µg/L
242	CHEMICAL-RESIDUES IN WATER	Drinking water	Antimony	ASL/SOP/C/027 Issue no 01 and issue date 12/03/2018: 2018	0.001 mg/L to 1 mg/L
243	CHEMICAL-RESIDUES IN WATER	Drinking Water	Arsenic	ASL/SOP/C/027 Issue no 01 and issue date 12/03/2018: 2018	0.005 mg/L to 1 mg/L
244	CHEMICAL-RESIDUES IN WATER	Drinking water	Barium	ASL/SOP/C/027 Issue no 01 and issue date 12/03/2018: 2018	0.01 mg/L to 25 mg/L
245	CHEMICAL-RESIDUES IN WATER	Drinking Water	Benzo(a)anthracene	ASL/SOP/C/033 Issue no 01 and issue date 07/03/2018: 2018	0.01 µg/L to 1000 µg/L
246	CHEMICAL-RESIDUES IN WATER	Drinking water	Benzo(g,h,i)perylene	ASL/SOP/C/033 Issue no 01 and issue date 07/03/2018: 2018	0.01 µg/L to 1000 µg/L
247	CHEMICAL-RESIDUES IN WATER	Drinking water	Cadmium	ASL/SOP/C/027 Issue no 01 and issue date 12/03/2018: 2018	0.001 mg/L to 25 mg/L
248	CHEMICAL-RESIDUES IN WATER	Drinking water	Chromium	ASL/SOP/C/027 Issue no 01 and issue date 12/03/2018: 2018	0.01 mg/L to 25 mg/L



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Permanent Facility					
249	CHEMICAL-RESIDUES IN WATER	Drinking water	Chrysene	ASL/SOP/C/033 Issue no 01 and issue date 07/03/2018: 2018	0.01 µg/L to 1000 µg/L
250	CHEMICAL-RESIDUES IN WATER	Drinking Water	Copper	ASL/SOP/C/027 Issue no 01 and issue date 12/03/2018: 2018	0.01 mg/L to 50 mg/L
251	CHEMICAL-RESIDUES IN WATER	Drinking water	Dibenz(a,h)anthracene	ASL/SOP/C/033 Issue no 01 and issue date 07/03/2018: 2018	0.01 µg/L to 1000 µg/L
252	CHEMICAL-RESIDUES IN WATER	Drinking water	Fluoranthene	ASL/SOP/C/033 Issue no 01 and issue date 07/03/2018: 2018	0.01 µg/L to 1000 µg/L
253	CHEMICAL-RESIDUES IN WATER	Drinking Water	Iron	ASL/SOP/C/027 Issue no 01 and issue date 12/03/2018: 2018	0.01 mg/L to 25 mg/L
254	CHEMICAL-RESIDUES IN WATER	Drinking Water	Lead	ASL/SOP/C/027 Issue no 01 and issue date 12/03/2018: 2018	0.005 mg/L to 10 mg/L
255	CHEMICAL-RESIDUES IN WATER	Drinking Water	Manganese	ASL/SOP/C/027 Issue no 01 and issue date 12/03/2018: 2018	0.01 mg/L to 50 mg/L
256	CHEMICAL-RESIDUES IN WATER	Drinking Water	Mercury	ASL/SOP/C/027 Issue no 01 and issue date 12/03/2018: 2018	0.001 mg/L to 1 mg/L
257	CHEMICAL-RESIDUES IN WATER	Drinking Water	Molybdenum	ASL/SOP/C/027 Issue no 01 and issue date 12/03/2018: 2018	0.01 mg/L to 10 mg/L



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Permanent Facility					
258	CHEMICAL-RESIDUES IN WATER	Drinking Water	Nickel	ASL/SOP/C/027 Issue no 01 and issue date 12/03/2018: 2018	0.01 mg/L to 10 mg/L
259	CHEMICAL-RESIDUES IN WATER	Drinking water	Pyrene	ASL/SOP/C/033 Issue no 01 and issue date 07/03/2018: 2018	0.01 µg/L to 1000 µg/L
260	CHEMICAL-RESIDUES IN WATER	Drinking water	Selenium	ASL/SOP/C/027 Issue no 01 and issue date 12/03/2018: 2018	0.005 mg/L to 1 mg/L
261	CHEMICAL-RESIDUES IN WATER	Drinking Water	Sodium	ASL/SOP/C/027 Issue no 01 and issue date 12/03/2018: 2018	0.005 mg/L to 100 mg/L
262	CHEMICAL-RESIDUES IN WATER	Drinking Water	Zinc	ASL/SOP/C/027 Issue no 01 and issue date 12/03/2018: 2018	0.01 mg/L to 50 mg/L
263	CHEMICAL-RESIDUES IN WATER	Drinking water	Acenaphthene	ASL/SOP/C/033 Issue no 01 and issue date 07/03/2018: 2018	0.01 µg/L to 1000 µg/L
264	CHEMICAL-RESIDUES IN WATER	Drinking water	Benzo(a)fluoranthene	ASL/SOP/C/033 Issue no 01 and issue date 07/03/2018: 2018	0.01 µg/L to 1000 µg/L
265	CHEMICAL-RESIDUES IN WATER	Drinking water	Benzo(a)pyrene	ASL/SOP/C/033 Issue no 01 and issue date 07/03/2018: 2018	0.01 µg/L to 1000 µg/L
266	CHEMICAL-RESIDUES IN WATER	Drinking water	Fluorene	ASL/SOP/C/033 Issue no 01 and issue date 07/03/2018: 2018	0.01 µg/L to 1000 µg/L



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Permanent Facility					
267	CHEMICAL-RESIDUES IN WATER	Drinking water	Indeno(1,2,3-cd)pyrene	ASL/SOP/C/033 Issue no 01 and issue date 07/03/2018: 2018	0.01 µg/L to 1000 µg/L
268	CHEMICAL-RESIDUES IN WATER	Drinking water	Naphthalene	ASL/SOP/C/033 Issue no 01 and issue date 07/03/2018: 2018	0.01 µg/L to 1000 µg/L
269	CHEMICAL-RESIDUES IN WATER	Drinking water	Phenanthrene	ASL/SOP/C/033 Issue no 01 and issue date 07/03/2018: 2018	0.01 µg/L to 1000 µg/L
270	CHEMICAL- WATER	Drinking water	Alkalinity	IS 3025(Part23):(RA): 2014	1 mg/l to 1000 mg/l
271	CHEMICAL- WATER	Drinking water	Calcium	IS 3025(Part 40):(RA): 2014	5 mg/l to 1000 mg/l
272	CHEMICAL- WATER	Drinking water	Chloride	IS 3025(Part 32):(RA): 2014	2 mg/l to 1000 mg/l
273	CHEMICAL- WATER	Drinking water	Color	IS 3025 (Part 4):(RA) : 2017	2 Hazen to 70 Hazen
274	CHEMICAL- WATER	Drinking water	Electrical conductivity	IS 3025(Part 14):(RA): 2013	5 µS/cm to 200 µS/cm
275	CHEMICAL- WATER	Drinking water	Magnesium	IS 3025(Part 46):(RA): 2014	5 mg/l to 2000 mg/l
276	CHEMICAL- WATER	Drinking water	Odour	IS 3025 (Part 5):(RA) : 2017	Qualitative(Objectionable / Unobjectionable)
277	CHEMICAL- WATER	Drinking water	pH	IS 3025(Part 11):(RA): 2014	2 to 12
278	CHEMICAL- WATER	Drinking water	Taste	IS 3025(Part 26):(RA) : 2014	Qualitative(Aggreable / Disaggreable)



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name ADARSH SCIENTIFIC RESEARCH CENTER & TESTING LAB. PVT.LTD.,, GUT NO. 104, MUMBAI-PUNE EXPRESS HIGHWAY, PANVEL, RAIGAD, MAHARASHTRA , INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-8132 Page No. : 38 / 38

Validity 26/11/2018 to 25/11/2020 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
279	CHEMICAL- WATER	Drinking water	Total dissolved solids	IS 3025(Part 16):(RA) : 2017	5 mg/l to 30000 mg/l
280	CHEMICAL- WATER	Drinking water	Total hardness	IS 3025(Part 21):(RA) : 2014	1 mg/l to 5000 mg/l
281	CHEMICAL- WATER	Drinking water	Turbidity	IS 3025(Part 10):(RA): 2017	1 NTU to 250 NTU

'NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.'