



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name ACCURATE LABORATORY, E 17, MADHAVPURA MARKET, SHAHIBAUG, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5021 Page No. : 1 / 54

Validity 23/02/2019 to 22/02/2021 Last Amended on 07/03/2019

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- ENVIRONMENT AND POLLUTION	Bioburden/Hygiene estimation of Classified & Non Classified area/Items (By Sterile Cotton Swab)	Coliform count	AL/SOP/6.4/M-010, Date of issue: 2018	1 cfu per cm ² /Swab to 10000000 cfu per cm ² /Swab
2	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Bioburden/Hygiene estimation of Classified & Non Classified area/Items (By Sterile Cotton Swab)	Total Bacterial Count	AL/SOP/6.4/M-010, Date of issue: 2018	1 cfu per cm ² /Swab to 10000000 cfu per cm ² /Swab
3	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Bioburden/Hygiene estimation of Classified & Non Classified area/Items (By Sterile Cotton Swab)	Total fungal count	AL/SOP/6.4/M-010, : 2018	1 cfu per cm ² /Swab to 10000000 cfu per cm ² /Swab
4	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionary Products	Salmonella	ISO 6579-1: 2017	Qualitative(Present or Absent per 25 g)
5	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionary Products	Shigella	IS 5887(P-VII) -1999, RA: 2013	Qualitative(Present or Absent per 25 g)
6	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery products	Coliform Count	IS:5401(P-I) : 2002 RA: 2013	10 cfu/g to 10000000 cfu/g
7	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery products	E-coli	IS:5887(P-I) : 1976 RA: 2013	Qualitative(Present or Absent per g)
8	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery products	S.aureus	IS:5887(P-II) : 1976 RA: 2013	Qualitative(Present or Absent per g)

This is annexure to 'Certificate of Accreditation' and does not require any signature.



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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					
9	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery products	Salmonella	IS:5887(P-III) : 1999 RA: 2013	Qualitative(Present or Absent per 25 g)
10	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery products	Total Bacterial Count	IS:5402: 2012	10 cfu/g to 10000000 cfu/g
11	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery products	Yeast & Mould Count	IS:5403 : 1999 RA: 2013	10 cfu/g to 10000000 cfu/g
12	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic/Non Alcoholic)	Coliform Count	IS 5401(P-I) : 2012	1 cfu/ml or g to 10000000 cfu/ml or g
13	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic/Non Alcoholic)	E Coli	IS 5887(P-I)-1976, RA: 2013	Qualitative(Present or Absent per g or ml)
14	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic/Non Alcoholic)	S.aureus	IS 5887(P-II)-1976, RA: 2013	Qualitative(Present or Absent per g or ml)
15	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic/Non Alcoholic)	Salmonella	ISO 6579-1: 2017	Qualitative(Present or Absent per 25 g or ml)
16	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic/Non Alcoholic)	Salmonella	IS 5887(P-III) - 1999, RA: 2013	Qualitative(Present or Absent per 25 g or ml)
17	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic/Non Alcoholic)	Shigella	IS 5887(P-VII) -1999, RA: 2013	Qualitative(Present or Absent per 25 g or ml)



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Permanent Facility					
18	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic/Non Alcoholic)	Total Bacterial Count	IS 5402: 2012	1 cfu/ml or g to 10000000 cfu/ml or g
19	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic/Non Alcoholic)	Yeast & Mould Count	IS 5403-1999, RA: 2013	1 cfu/ml or g to 10000000 cfu/ml or g
20	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed Food	Coliform Count	IS 5401(P-I) : 2012	1 cfu/g to 10000000 cfu/g
21	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed Food	E-coli	IS 5887(P-I)-1976, RA: 2013	Qualitative(Present or Absent per g)
22	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed Food	S.aureus	IS 5887(P-II)-1976,RA: 2013	Qualitative(Present or Absent per g)
23	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed Food	Salmonella	ISO 6579-1: 2017	Qualitative(Present or Absent per 25 g)
24	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed Food	Salmonella	IS 5887(P-III) -1999, Ra: 2013	Qualitative(Present or Absent per 25 g)
25	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed Food	Shigella	IS 5887(P-VII) -1999, RA: 2013	Qualitative(Present or Absent per 25 g)
26	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed Food	Total Bacterial Count	IS 5402 : 2012	1 cfu/g to 10000000 cfu/g



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Permanent Facility					
27	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed Food	Yeast & Mould Count	IS 5403-1999, RA: 2013	1 cfu/g to 10000000 cfu/g
28	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereal, Pulses & Cereal Products	Coliform Count	IS 5401(P-I): 2012	1 cfu/g to 10000000 cfu/g
29	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereal, Pulses & Cereal Products	E-coli	IS 5887(P-I)-1976, RA: 2013	Qualitative(Present or Absent per g)
30	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereal, Pulses & Cereal Products	S.aureus	IS 5887(P-II)-1976, RA: 2013	Qualitative(Present or Absent per g)
31	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereal, Pulses & Cereal Products	Salmonella	IS 5887(P-III) -1999, RA: 2013	Qualitative(Present or Absent per 25 g)
32	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereal, Pulses & Cereal Products	Salmonella	ISO 6579-1: 2017	Qualitative(Present or Absent per 25 g)
33	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereal, Pulses & Cereal Products	Shigella	IS 5887(P-VII) - 1999, RA: 2013	Qualitative(Present or Absent per 25 g)
34	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereal, Pulses & Cereal Products	Total Bacterial Count	IS 5402: 2012	1 cfu/g to 10000000 cfu/g
35	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereal, Pulses & Cereal Products	Yeast & Mould Count	IS 5403-1999 , RA: 2013	1 cfu/g to 10000000 cfu/g



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Permanent Facility					
36	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Edible Oils & Fats	Coliform Count	IS 5401(P-I) : 2012	1 cfu/g or ml to 10000000 cfu/g or ml
37	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Edible Oils & Fats	E-coli	IS 5887(P-I)-1976, RA: 2013	Qualitative(Present or Absent per g)
38	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Edible Oils & Fats	S.aureus	IS 5887(P-II)-1976, RA: 2013	Qualitative(Present or Absent per g)
39	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Edible Oils & Fats	Salmonella	IS 5887(P-III) -1999, RA: 2013	Qualitative(Present or Absent per 25 g)
40	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Edible Oils & Fats	Salmonella	ISO 6579-1: 2017	Qualitative(Present or Absent per 25 g)
41	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Edible Oils & Fats	Shigella	IS 5887(P-VII) -1999: 2013	Qualitative(Present or Absent per 25 g)
42	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Edible Oils & Fats	Total Bacterial Count	IS 5402 : 2012	1 cfu/g or ml to 10000000 cfu/g or ml
43	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Edible Oils & Fats	Yeast & Mould Count	IS 5403-1999 , RA: 2013	1 cfu/g or ml to 10000000 cfu/g or ml
44	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit Products	Coliform Count	IS:5401(Part-I) : 2002 RA: 2012	1 cfu/g or ml to 10000000 cfu/g or ml



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Permanent Facility					
45	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit Products	E-coli	IS:5887(P-I) : 1976 RA: 2013	Qualitative(Present or Absent per g)
46	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit Products	S.aureus	IS:5887(P-II) : 1976 RA: 2013	Qualitative(Present or Absent per g)
47	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit Products	Salmonella	IS:5887(P-III) : 1999 RA: 2013	Qualitative(Present or Absent per 25 g)
48	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit Products	Salmonella	ISO 6579-1: 2017	Qualitative(Present or Absent per 25 g)
49	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit Products	Shigella	IS 5887(P-VII) -1999, RA: 2013	Qualitative(Present or Absent per 25 g)
50	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit Products	Total Bacterial Count	IS:5402: 2012	1 cfu/g or ml to 10000000 cfu/g or ml
51	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit Products	Yeast & Mould count	IS:5403 : 1999 RA: 2013	1 cfu/g or ml to 10000000 cfu/g or ml
52	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Coliform Count	IS:5401(P-I) : 2002 RA: 2012	10 cfu/g or ml to 10000000 cfu/g or ml
53	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	E-coli	IS:5887(P-I) : 1976 RA: 2013	Qualitative(Present or Absent per g)



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Permanent Facility					
54	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	S.aureus	IS:5887(P-II) : 1976 RA: 2013	Qualitative(Present or Absent per g)
55	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Salmonella	IS:5887(P-III) : 1999 RA: 2013	Qualitative(Present or Absent per 25 g)
56	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Salmonella	ISO 6579-1: 2017	Qualitative(Present or Absent per 25 g)
57	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Shigella	IS 5887(P-VII) -1999, Ra : 2013	Qualitative(Present or Absent per 25 g)
58	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Total Bacterial Count	IS:5402: 2012	10 cfu/g to 10000000 cfu/g
59	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Yeast & Mould Count	IS:5403 : 1999 RA: 2013	10 cfu/g to 10000000 cfu/g
60	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Coliform Count	IS 5401(P-I)-2012: 2013	Qualitative(Present or Absent per 0.1 g)
61	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	E-coli	IS 5887(P-I)-1976, RA: 2013	Qualitative(Present or Absent per 0.1 g)
62	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	S.aureus	IS 5887(P-II)-1976, RA: 2013	Qualitative(Present or Absent per 0.1 g)



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Permanent Facility					
63	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Salmonella	ISO 6579-1: 2017	Qualitative(Present or Absent per 25 g)
64	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Salmonella	IS 5887(P-III) -1999, RA: 2013	Qualitative(Present or Absent per 25 g)
65	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Shigella	IS 5887(P-VII) -1999, RA: 2013	Qualitative(Present or Absent per 25 g)
66	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Total Bacterial Count	IS 5402 : 2012	1 cfu/g to 10000000 cfu/g
67	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Yeast & Mould Count	IS 5403-1999, RA: 2013	Qualitative(Present or Absent per 0.1 g)
68	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Coliform Count	IS:5401 (Part I) : 2002 RA: 2012	1 cfu/g or ml to 10000000 cfu/g or ml
69	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	E-coli	IS:5887(Part-I) : 1976 RA: 2013	Qualitative(Present or Absent per g or ml)
70	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	S.aureus	IS:5887(Part II) : 1976 RA: 2013	Qualitative(Present or Absent per g or ml)
71	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Salmonella	IS:5887(Part III) : 1999 RA: 2013	Qualitative(Present or Absent per 25 g or ml)



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Permanent Facility					
72	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Salmonella	ISO 6579-1: 2017	Qualitative(Present or Absent per 25 g or ml)
73	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Shigella	IS 5887(P-VII) -1999, Ra : 2013	Qualitative(Present or Absent per 25 g or ml)
74	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Total Plate Count	IS 5402: 2012	1 cfu/g or ml to 10000000 cfu/g or ml
75	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Yeast & Mould Count	IS:5403 : 1999 RA: 2013	1 cfu/g or ml to 10000000 cfu/g or ml
76	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Namkeen, snacks, sweets, Frozen foods and Instant Mixes, Ready to Eat Foods	Coliform Count	IS:5401(P-I) : 2002 RA: 2012	10 cfu/g to 10000000 cfu/g
77	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Namkeen, snacks, sweets, Frozen foods and Instant Mixes, Ready to Eat Foods	E-coli	IS:5887(P-I) : 1976 RA: 2013	Qualitative(Present or Absent per g)
78	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Namkeen, snacks, sweets, Frozen foods and Instant Mixes, Ready to Eat Foods	S.aureus	IS:5887(P-II) : 1976 RA: 2013	Qualitative(Present or Absent per g)
79	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Namkeen, snacks, sweets, Frozen foods and Instant Mixes, Ready to Eat Foods	Salmonella	IS:5887(P-III) : 1999 RA: 2013	Qualitative(Present or Absent per 25 g)



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Permanent Facility					
80	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Namkeen, snacks, sweets, Frozen foods and Instant Mixes, Ready to Eat Foods	Salmonella	ISO 6579-1: 2017	Qualitative(Present or Absent per 25 g)
81	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Namkeen, snacks, sweets, Frozen foods and Instant Mixes, Ready to Eat Foods	Shigella	IS 5887(P-VII) -1999, RA: 2013	Qualitative(Present or Absent per 25 g)
82	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Namkeen, snacks, sweets, Frozen foods and Instant Mixes, Ready to Eat Foods	Total Bacterial Count	IS:5402: 2012	10 cfu/g to 10000000 cfu/g
83	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Namkeen, snacks, sweets, Frozen foods and Instant Mixes, Ready to Eat Foods	Yeast & Mould Count	IS:5403 : 1999 RA: 2013	10 cfu/g to 10000000 cfu/g
84	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut products	Coliform Count	IS 5401(P-I) : 2012	110000000 cfu/g to 10000000 cfu/g
85	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut products	E-coli	IS 5887(P-I)-1976, RA: 2013	Qualitative(Present or Absent per g)
86	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut products	S.aureus	IS 5887(P-II)-1976, RA: 2013	Qualitative(Present or Absent per g)
87	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut products	Salmonella	ISO 6579-1: 2017	Qualitative(Present or Absent per 25 g)



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Permanent Facility					
88	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut products	Salmonella	IS 5887(P-III) -1999, RA: 2013	Qualitative(Present or Absent per 25 g)
89	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut products	Shigella	IS 5887(P-VII) -1999 RA: 2013	Qualitative(Present or Absent per 25 g)
90	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut products	Total Bacterial Count	IS 5402 : 2012	1 cfu/g to 10000000 cfu/g
91	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut products	Yeast & Mould Count	IS 5403-1999, RA: 2013	1 cfu/g to 10000000 cfu/g
92	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Oil Seeds & By-Products	Coliform Count	IS:5401(P-I) : 2002, RA: 2012	1 cfu/g to 10000000 cfu/g
93	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Oil Seeds & By-Products	E-coli	IS:5887(P-I) : 1976 RA: 2013	Qualitative(Present or Absent per g)
94	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Oil Seeds & By-Products	S.aureus	IS:5887(P-II): 1976 RA: 2013	Qualitative(Present or Absent per g)
95	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Oil Seeds & By-Products	Salmonella	IS:5887(P-III) : 1999 RA: 2013	Qualitative(Present or Absent per 25 g)
96	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Oil Seeds & By-Products	Salmonella	ISO 6579-1: 2017	Qualitative(Present or Absent per 25 g)



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Permanent Facility					
97	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Oil Seeds & By-Products	Shigella	IS 5887(P-VII) -1999, RA: 2013	Qualitative(Present or Absent per 25 g)
98	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Oil Seeds & By-Products	Total Bacterial Count	IS:5402: 2012	1 cfu/g to 10000000 cfu/g
99	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Oil Seeds & By-Products	Yeast & Mould Count	IS:5403 : 1999 RA: 2013	1 cfu/g to 10000000 cfu/g
100	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Starch & Starch products	Coliform Count	IS 5401(P-I) : 2012	1 cfu/g to 10000000 cfu/g
101	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Starch & Starch products	E-coli	IS 5887(P-I)-1976 , RA: 2013	Qualitative(Present or Absent per g)
102	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Starch & Starch products	S.aureus	IS 5887(P-II)-1976, RA: 2013	Qualitative(Present or Absent per g)
103	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Starch & Starch products	Salmonella	IS 5887(P-III) -1999, RA: 2013	Qualitative(Present or Absent per 25 g)
104	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Starch & Starch products	Shigella	IS 5887(P-VII) -1999 RA: 2013	Qualitative(Present or Absent per 25 g)
105	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Starch & Starch products	Total Bacterial Count	IS 5402: 2012	1 cfu/g to 10000000 cfu/g



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Permanent Facility					
106	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Starch & Starch products	Yeast & Mould Count	IS 5403-1999, RA: 2013	1 cfu/g to 10000000 cfu/g
107	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea & Tea Products	Coliform Count	IS:5401(P-I) : 2002 RA: 2012	1 cfu/g to 10000000 cfu/g
108	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea & Tea Products	E-coli	IS:5887(P-I) : 1976 RA: 2013	Qualitative(Present or Absent per g)
109	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea & Tea Products	S.aureus	IS:5887(P-II) : 1976 RA: 2013	Qualitative(Present or Absent per g)
110	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea & Tea Products	Salmonella	IS:5887(P-III) : 1999 RA: 2013	Qualitative(Present or Absent per 25 g)
111	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea & Tea Products	Salmonella	ISO 6579-1: 2017	Qualitative(Present or Absent per 25 g)
112	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea & Tea Products	Shigella	IS 5887(P-VII) -1999, Ra : 2013	Qualitative(Present or Absent per 25 g)
113	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea & Tea Products	Total Bacterial Count	IS:5402: 2012	1 cfu/g to 10000000 cfu/g
114	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea & Tea Products	Yeast & Mould Count	IS:5403 : 1999 RA: 2013	10 cfu/g to 10000000 cfu/g



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115	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetable & Vegetable products	Coliform Count	IS 5401(P-I) : 2012	1 cfu/g or ml to 10000000 cfu/g or ml
116	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetable & Vegetable products	E-coli	IS 5887(P-I)-1976 , RA: 2013	Qualitative(Present or Absent per g or ml)
117	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetable & Vegetable products	S.aureus	IS 5887(P-II)-1976, RA: 2013	Qualitative(Present or Absent per g or ml)
118	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetable & Vegetable products	Salmonella	IS 5887(P-III) -1999, RA: 2013	Qualitative(Present or Absent per 25 g or ml)
119	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetable & Vegetable products	Salmonella	ISO 6579-1: 2017	Qualitative(Present or Absent per 25 g or ml)
120	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetable & Vegetable products	Shigella	IS 5887(P-VII) -1999 RA: 2013	Qualitative(Present or Absent per 25 g or ml)
121	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetable & Vegetable products	Total Bacterial Count	IS 5402 : 2012	1 cfu/g or ml to 10000000 cfu/g or ml
122	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetable & Vegetable products	Yeast & Mould Count	IS 5403-1999,RA: 2013	1 cfu/g or ml to 10000000 cfu/g or ml
123	BIOLOGICAL- WATER	Drinking Water, Water for Processed food industry	Coliform count	IS 1622:1981, RA: 2014	2 MPN/100ml to 1600 MPN/100ml



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Permanent Facility					
124	BIOLOGICAL- WATER	Drinking Water, Water for Processed food industry	E Coli	IS 1622:1981, RA: 2014	2 MPN/100ml to 1600 MPN/100ml
125	BIOLOGICAL- WATER	Natural Mineral Water, Packaged Drinking Water	Coliform count	IS 15185: 2016	Qualitative(Present or Absent per 250 ml)
126	BIOLOGICAL- WATER	Natural Mineral Water, Packaged Drinking Water	E coli	IS 15185: 2016	Qualitative(Present or Absent per 250 ml)
127	BIOLOGICAL- WATER	Natural Mineral Water, Packaged Drinking Water	Salmonella	IS 15187: 2016	Qualitative(Present or Absent per 250 ml)
128	BIOLOGICAL- WATER	Natural Mineral Water, Packaged Drinking Water	Shigella	IS 5887(P-VII) -1999, RA: 2013	Qualitative(Present or Absent per 250 ml)
129	BIOLOGICAL- WATER	Natural Mineral Water, Packaged Drinking Water	Staphylococcus aureus	IS 15188: 2012	Qualitative(Present or Absent per 250 ml)
130	BIOLOGICAL- WATER	Natural Mineral Water, Packaged Drinking Water	Staphylococcus aureus	IS 5887 (P-II) : 1976 RA: 2013	Qualitative(Present or Absent per 250 ml)
131	BIOLOGICAL- WATER	Natural Mineral Water, Packaged Drinking Water	Yeast & Mould	IS 15188: 2002	Qualitative(Present or Absent per 250 ml)
132	BIOLOGICAL- WATER	Natural Mineral Water, Packaged Drinking Water	Yeast & Mould	IS 5403 : 1999 RA: 2013	Qualitative(Present or Absent per 250 ml)



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Permanent Facility					
133	BIOLOGICAL- WATER	Packaged Drinking Water	Aerobic microbial count (at 20-22 deg.C for 72 hrs)	IS 5402: 2012	1 cfu/ml to 10000000 cfu/ml
134	BIOLOGICAL- WATER	Packaged Drinking Water	Aerobic microbial count (at 37 deg.C for 24 hrs)	IS 5402: 2012	1 cfu/ml to 10000000 cfu/ml
135	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Besan, Maize Flour	Moisture	IS:4706(P-2)-1978, RA : : 2015	5 g/100g to 20 g/100g
136	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	All types of Edible Oils & Fats including Fat Spread, Margarine	Acid value	IS 548(Part I) 1964 RA.: 2015	0.02 to 10
137	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	All types of Edible Oils & Fats including Fat Spread, Margarine	B.R Reading	Cl. 10 of IS 548(Part I) 1964 RA: 2015	30 to 70
138	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	All types of Edible Oils & Fats including Fat Spread, Margarine	Bellier Turbidity Temperature Test	IS 548(Part II) 1976 RA: 2015	10 Degree to 50 Degree
139	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	All types of Edible Oils & Fats including Fat Spread, Margarine	Free fatty acid (as Oleic Acid)	IS 548(Part I) 1964 RA: 2015	0.05 g/100g to 1 g/100g
140	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	All types of Edible Oils & Fats including Fat Spread, Margarine	Iodine value	IS 548(Part I) 1964 RA : 2015	5 to 200
141	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	All types of Edible Oils & Fats including Fat Spread, Margarine	Moisture	IS 548(Part I) 1964 RA: 2015	0.01 g/100g to 1 g/100g
142	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	All types of Edible Oils & Fats including Fat Spread, Margarine	Monounsaturated Fat	FSSAI manual for Oil & Fat (Page No. 46): 2016	0.1 g/100g to 100 g/100g



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Permanent Facility					
143	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	All types of Edible Oils & Fats including Fat Spread, Margarine	Peroxide value	IS 548(Part I) 1964 RA. : 2015	0.5 meq/kg to 20 meq/kg
144	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	All types of Edible Oils & Fats including Fat Spread, Margarine	Polyunsaturated Fat	FSSAI manual for Oil & Fat (Page No. 46): 2016	0.1 g/100g to 100 g/100g
145	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	All types of Edible Oils & Fats including Fat Spread, Margarine	Refractive index at 40 Deg C	Cl. 10 of IS 548(Part I) 1964 Ra : 2015	1.45 to 1.49
146	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	All types of Edible Oils & Fats including Fat Spread, Margarine	Saponification value	IS 548(Part I) 1964 Ra. : 2015	100 to 300
147	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	All types of Edible Oils & Fats including Fat Spread, Margarine	Saturated Fat	FSSAI manual for Oil & Fat (Page No. 46): 2016	0.1 g/100g to 100 g/100g
148	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	All types of Edible Oils & Fats including Fat Spread, Margarine	Specific Gravity	IS 548(Part II) 1976 Ra: 2015	0.8 to 1.5
149	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	All types of Edible Oils & Fats including Fat Spread, Margarine	Test for Argemone oil	IS 548(Part II) 1976 RA: 2015	Qualitative(Present or Absent)
150	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	All types of Edible Oils & Fats including Fat Spread, Margarine	Test for Castor oil	IS 548(Part II) 1976 RA : 2015	Qualitative(Present or Absent)
151	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	All types of Edible Oils & Fats including Fat Spread, Margarine	Test for Hydrocyanic acid	IS 548(Part II) 1976 Ra: 2015	Qualitative(Present or Absent)



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Permanent Facility					
152	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	All types of Edible Oils & Fats including Fat Spread, Margarine	Test for Mineral oil	IS 548(Part II) 1976 RA : 2015	Qualitative(Present or Absent)
153	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	All types of Edible Oils & Fats including Fat Spread, Margarine	Test for rancidity (Kries Test)	FSSAI Manual on Oils and Fats (Page-88): 2016	Qualitative(Present or Absent)
154	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	All types of Edible Oils & Fats including Fat Spread, Margarine	Test for Sesame Oil	IS 548(Part II) 1976 RA: 2015	Qualitative(Present or Absent)
155	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	All types of Edible Oils & Fats including Fat Spread, Margarine	Trans Fat	FSSAI manual for Oil & Fat (Page No. 102): 2016	0.1 g/100g to 100 g/100g
156	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	All types of Edible Oils & Fats including Fat Spread, Margarine	Unsaponifiable matter	IS 548(Part I) 1964 RA: 2015	0.1 g/100g to 5 g/100g
157	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	All types of Edible Oils & Fats including Fat Spread, Margarine	Vitamin A	AL/SOP/6.4/C-125: 2018	5 IU/ g to 2000 IU/ g
158	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Besan, Maize Flour	Added Coloring matter	FSSAI Manual on Food Additives (Page-82): 2016	Qualitative(Present or Absent)
159	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Besan, Maize Flour	Alcoholic Acidity expressed as H ₂ SO ₄	Appendix F of IS:1155:1968 Ra: 2015	0.05 g/100g to 0.5 g/100g
160	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Besan, Maize Flour	Alcoholic Acidity expressed as H ₂ SO ₄	IS : 4706 (P-2)-1978, RA : 2015	0.05 g/100g to 0.5 g/100g



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Permanent Facility					
161	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Besan, Maize Flour	Ash insoluble in dilute HCl (on dry weight basis)	Appendix A of IS:1155:1968 RA :: 2015	0.05 g/100g to 1 g/100g
162	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Besan, Maize Flour	Ash insoluble in dilute HCl (on dry weight basis)	IS:4706(P-2)-1978, Ra : 2015	0.05 g/100g to 1 g/100g
163	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Besan, Maize Flour	Ash insoluble in dilute HCl (on dry weight basis)	Appendix A of IS 1806:1975, RA: 2018	0.05 g/100g to 1 g/100g
164	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Besan, Maize Flour	Gluten (on dry weight basis)	Appendix D of IS 1155 :1968 RA : 2015	2 g/100g to 20 g/100g
165	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Besan, Maize Flour	Gluten (on dry weight basis)	Appendix B of IS 1009: 1979 Ra: 2015	2 g/100g to 20 g/100g
166	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Besan, Maize Flour	Insect Infestation (Live & Dead)	FSSAI Manual on Cereal & Cereal Products (Page-2): 2016	Qualitative(Present or Absent)
167	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Besan, Maize Flour	Moisture	Appendix A of IS:1155:1968 Ra: 2015	5 g/100g to 20 g/100g
168	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Besan, Maize Flour	Total Ash (on dry wt. basis)	IS:4706(P-2)-1978, RA: 2015	0.5 g/100g to 5 g/100g
169	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Besan, Maize Flour	Total Ash (on dry wt. basis)	Appendix B of IS:1155:1968 Ra: 2015	0.5 g/100g to 5 g/100g



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Permanent Facility					
170	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Besan, Maize Flour, Instant Ready to eat Food Mix	Test for Peanut Allergen	AL/SOP/6.4/M-022: 2018	Qualitative(:LOD : 0.13 mg/kg)
171	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery & confectionary products	Total Ash	Cl.6 of IS 12711 : 1989 Ra: 2015	0.1 g/100g to 20 g/100g
172	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery & confectionery products	Acidity of extracted fat	Cl. 11 of IS 12711 : 1989 Ra. : 2015	0.2 g/100g to 5 g/100g
173	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery & confectionery products	Acidity of extracted fat	Annex D of IS:1011 : 2002 Ra: 2013	0.2 g/100g to 5 g/100g
174	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery & confectionery products	Added Colouring matter	FSSAI Manual on Food Additives (Page-82): 2016	Qualitative(Present or Absent)
175	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery & confectionery products	Ash insoluble in dil HCl	Annex C of IS 1011 : 2002, RA: 2013	0.01 g/100g to 2 g/100g
176	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery & confectionery products	Ash insoluble in dil HCL acid	Cl. of IS 12711 : 1989 : 2015	0.01 g/100g to 2 g/100g
177	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery & confectionery products	Moisture	Annex B of IS:1011 : 2002 Ra: 2013	0.2 g/100g to 50 g/100g
178	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery & confectionery products	Moisture	Cl.5 of IS 12711 : 1989 Ra. : 2015	0.2 g/100g to 50 g/100g



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Permanent Facility					
179	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Products	Acid Insoluble Ash	Annex C of IS : 14433:2007 Ra: 2018	0.01 g/100 g to 2 g/100 g
180	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Products	B.R at 40oC / B.R. at 40oC of extracted Fat	Cl.6 of IS:3508-1966 Ra: 2018	30 to 70
181	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Products	Baudouin Test	Cl. 21 of IS:3508-1966 Ra:: 2018	Qualitative(Present or Absent)
182	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Products	Fat	FSSAI Manual on Milk and Milk Products (Page-42): 2016	0.2 g/ 100 g to 50 g/ 100 g
183	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Products	FFA as Oleic Acid	Cl. 11of IS:3508-1966 Ra: 2018	0.01 g/100 g to 10 g/100 g
184	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Products	Moisture	IS 16072:2012, Ra: 2018	0.1 g/100g to 50 g/100g
185	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Products	Protein	Cl. 8 of IS-7219-1973 Reaff: : 2015	0.5 g/ 100 g to 50 g/ 100 g
186	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Products	R.M. Value / R.M. Value of Extracted Fat	Cl. 12 of IS:3508-1966 Ra: 2018	0.5 to 35
187	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Products	Total Ash	Annex B of IS:14433:-: 2017	0.1 g/100g to 10 g/100g



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Permanent Facility					
188	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Double Fortified Iodized Salt	Iodine Content	Annex B of IS 16232: 2014	5 mg/kg to 100 mg/kg
189	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Double Fortified Iodized Salt	Iron (as Fe)	Annex A of IS 16232: 2014	600 mg/kg to 1200 mg/kg
190	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Double Fortified Iodized Salt	Matter Insoluble in dil. HCl	Appendix G-6 of IS-16232: 2014	0.1 % to 2.0 %
191	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Double Fortified Iodized Salt	pH (5 % solution)	Annex C of IS 16232: 2014	2.0 to 7.0
192	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Double Fortified Iodized Salt	Phosphorous (as P ₂ O ₅)	Annex D of IS 16232: 2014	2500 mg/kg to 3500 mg/kg
193	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Double Fortified Iodized Salt	Sodium Hexa Meta Phosphate	Annex D of IS 16232: 2014	0.2 % to 2.0 %
194	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains	Damaged/Broken Kernels	IS 4333(P-I): 2018	0.1 g/100g to 20 g/100g
195	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains	Foreign matter /Extraneous matter	IS 4333(P-I): 2018	0.1 g/100g to 20 g/100g
196	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains	Green Grains in (Tur dal & Chana dal, Moong Mogar Dal)	IS 4333(P-I): 2018	0.1 g/100g to 20 g/100g



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Permanent Facility					
197	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains	Material Retained on Sieve (4.00 mm, 3.35 mm, 1.70 mm, 1.0 mm, 2.5mm)	IS 4333(P-I): 2018	0.25 g/100g to 30 g/100g
198	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains	Material Retained on Sieve (4.00 mm, 6mm)	IS 4333(P-I): 2018	80 g/100g to 100 g/100g
199	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains	Moisture	IS 4333(P-II): 2017	3 g/100g to 25 g/100g
200	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains	Other edible grains	IS 4333(P-I): 2018	0.1 g/100g to 20 g/100g
201	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains	Uric Acid	FSSAI Manual for Analysis of Cereal & Cereal products (Page No. 9): 2016	5 mg/kg to 200 mg/kg
202	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains	Weeviled Kernels	IS 4333(P-I): 2018	0.1 g/100g to 20 g/100g
203	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Test for Gluten Allergen	AL/SOP/6.4/M-023: 2018	Qualitative(LOD : 1.0 mg/kg)
204	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Test for Peanut Allergen	AL/SOP/6.4/M-022: 2018	Qualitative(LOD : 0.13 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					
205	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt	Iron	Annex M IS:7224:2006, Ra: 2016	Qualitative(Present or Absent)
206	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt/ Double Fortified Iodized Salt	Alkalinity	Annex J IS:7224 : 2006, Ra: 2016	0.02 % to 0.5 %
207	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt/ Double Fortified Iodized Salt	Calcium	Annex F IS:7224:2006 Ra: 2016	0.01 % to 1 %
208	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt/ Double Fortified Iodized Salt	Chloride as NaCl	Appendix A5 of IS-253: 2014	70 % to 99.8 %
209	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt/ Double Fortified Iodized Salt	Chloride as NaCl	Annex D IS:7224:2006 Ra: 2016	70 % to 99.8 %
210	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt/ Double Fortified Iodized Salt	Iodine content on dry basis	Annex H IS:7224:2006 Ra: 2016	5 mg/kg to 100 mg/kg



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Permanent Facility					
211	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt/ Double Fortified Iodized Salt	Magnesium	Annex F IS:7224:2006 Ra: 2016	0.01 % to 1 %
212	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt/ Double Fortified Iodized Salt	Material passed through sieve (1.0 mm)	IS:7224:2006 Ra: 2016	90 g/100g to 100 g/100g
213	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt/ Double Fortified Iodized Salt	Material passed through sieve (150 micron)	IS:7224:2006 Ra: 2016	0.1 g/100g to 10 g/100g
214	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt/ Double Fortified Iodized Salt	Material passed through sieve (4.00 mm, 1.0 mm, 150 micron)	IS:7224:2006 Ra: 2016	90 g/100g to 100 g/100g
215	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt/ Double Fortified Iodized Salt	Matter soluble in water other than NaCl	Annex E IS:7224:2006 Ra: 2016	0.1 % to 2 %
216	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt/ Double Fortified Iodized Salt	Matter soluble in water other than NaCl	Appendix A7 of IS-253: 2014	0.1 % to 2 %



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Permanent Facility					
217	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt/ Double Fortified Iodized Salt	Moisture	Appendix A2 of IS-253: 2014	0.1 g/100g to 5 g/100g
218	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt/ Double Fortified Iodized Salt	Moisture	Annex A IS:7224:2006 Ra: 2016	0.1 g/100g to 5 g/100g
219	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt/ Double Fortified Iodized Salt	Potassium Ferrocyanide	Annex B of IS:7224:2006 Ra: 2016	Qualitative(Present or Absent)
220	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt/ Double Fortified Iodized Salt	Sulphate	Annex G IS:7224:2006 Ra: 2016	0.1 % to 2 %
221	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt/ Double Fortified Iodized Salt	Water insoluble matter	Appendix A4 of IS-253: 2014	0.1 g/100g to 5 g/100g
222	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt/ Double Fortified Iodized Salt	Water insoluble matter	Annex C IS:7224:2006 Ra: 2016	0.1 g/100g to 5 g/100g



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Permanent Facility					
223	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jam, Jelly, Ketchup, Sauces, Chutney, Pickles, Squashes, Crushes, Syrup, Sharbat, Juices, Coconut Water & Barley, Beverages- Drink, Pulp & Ready to Drink/Processed Fruits- Thermally, Frozen, Canned & Dehydrated, Fruit - Ready to eat	Acid insoluble Ash	FSSAI Manual of Fruit & Vegetable Products (Page No. 35): 2016	0.1 g/100g to 5.0 g/100g
224	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jam, Jelly, Ketchup, Sauces, Chutney, Pickles, Squashes, Crushes, Syrup, Sharbat, Juices, Coconut Water & Barley, Beverages- Drink, Pulp & Ready to Drink/Processed Fruits- Thermally, Frozen, Canned & Dehydrated, Fruit - Ready to eat	Acidity	FSSAI Manual of Fruit & Vegetable Products (Page No. 12): 2016	0.05 g/100g to 5.0 g/100g



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Permanent Facility					
225	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jam, Jelly, Ketchup, Sauces, Chutney, Pickles, Squashes, Crushes, Syrup, Sharbat, Juices, Coconut Water & Barley, Beverages- Drink, Pulp & Ready to Drink/Processed Fruits- Thermally, Frozen, Canned & Dehydrated, Fruit - Ready to eat	Added Colouring Matter	FSSAI Manual on Food Additives (Page-82): 2016	Qualitative(Present or Absent)
226	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jam, Jelly, Ketchup, Sauces, Chutney, Pickles, Squashes, Crushes, Syrup, Sharbat, Juices, Coconut Water & Barley, Beverages- Drink, Pulp & Ready to Drink/Processed Fruits- Thermally, Frozen, Canned & Dehydrated, Fruit - Ready to eat	Added Colouring Matter	FSSAI Manual on Food Additives (Page-82): 2016	Qualitative(Present or Absent)



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Permanent Facility					
227	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jam, Jelly, Ketchup, Sauces, Chutney, Pickles, Squashes, Crushes, Syrup, Sharbat, Juices, Coconut Water & Barley, Beverages- Drink, Pulp & Ready to Drink/Processed Fruits- Thermally, Frozen, Canned & Dehydrated, Fruit - Ready to eat	Moisture	FSSAI Manual of Fruit & Vegetable Products (Page No. 34): 2016	0.5 g/100g to 95 g/100g
228	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jam, Jelly, Ketchup, Sauces, Chutney, Pickles, Squashes, Crushes, Syrup, Sharbat, Juices, Coconut Water & Barley, Beverages- Drink, Pulp & Ready to Drink/Processed Fruits- Thermally, Frozen, Canned & Dehydrated, Fruit - Ready to eat	pH	FSSAI Manual on fruits & Vegetable products (Page No. 11): 2016	1 to 14



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Permanent Facility					
229	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jam, Jelly, Ketchup, Sauces, Chutney, Pickles, Squashes, Crushes, Syrup, Sharbat, Juices, Coconut Water & Barley, Beverages- Drink, Pulp & Ready to Drink/Processed Fruits- Thermally, Frozen, Canned & Dehydrated, Fruit - Ready to eat	Reducing Sugar	FSSAI Manual of Fruit & Vegetable Products (Page No. 15): 2016	1 g/100g to 25 g/100g
230	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jam, Jelly, Ketchup, Sauces, Chutney, Pickles, Squashes, Crushes, Syrup, Sharbat, Juices, Coconut Water & Barley, Beverages- Drink, Pulp & Ready to Drink/Processed Fruits- Thermally, Frozen, Canned & Dehydrated, Fruit - Ready to eat	Salt(as Nacl)	FSSAI Manual of Fruit & Vegetable Products (Page No. 9): 2016	0.5 g/100g to 25 g/100g



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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- FOOD & AGRICULTURAL PRODUCTS	Jam, Jelly, Ketchup, Sauces, Chutney, Pickles, Squashes, Crushes, Syrup, Sharbat, Juices, Coconut Water & Barley, Beverages- Drink, Pulp & Ready to Drink/Processed Fruits- Thermally, Frozen, Canned & Dehydrated, Fruit - Ready to eat	Titration Acidity	FSSAI Manual of Fruit & Vegetable Products 2016 (Page no.12): 2016	0.05 g/100g to 5.0 g/100g
232	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jam, Jelly, Ketchup, Sauces, Chutney, Pickles, Squashes, Crushes, Syrup, Sharbat, Juices, Coconut Water & Barley, Beverages- Drink, Pulp & Ready to Drink/Processed Fruits- Thermally, Frozen, Canned & Dehydrated, Fruit - Ready to eat	Total Ash	FSSAI Manual of Fruit & Vegetable Products (Page No. 41): 2016	0.1 g/100g to 20 g/100g



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Permanent Facility					
233	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jam, Jelly, Ketchup, Sauces, Chutney, Pickles, Squashes, Crushes, Syrup, Sharbat, Juices, Coconut Water & Barley, Beverages- Drink, Pulp & Ready to Drink/Processed Fruits- Thermally, Frozen, Canned & Dehydrated, Fruit - Ready to eat	Total Soluble Solids (Brix)	FSSAI Manual of Fruit & Vegetable Products (Page No. 4): 2016	0.5 g/100g to 100 g/100g
234	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jam, Jelly, Ketchup, Sauces, Chutney, Pickles, Squashes, Crushes, Syrup, Sharbat, Juices, Coconut Water & Barley, Beverages- Drink, Pulp & Ready to Drink/Processed Fruits- Thermally, Frozen, Canned & Dehydrated, Fruit - Ready to eat	Total Sugar	FSSAI Manual of Fruit & Vegetable Products (Page No. 15): 2016	0.2 g/100g to 80 g/100g



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Permanent Facility					
235	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jam, Jelly, Ketchup, Sauces, Chutney, Pickles, Squashes, Crushes, Syrup, Sharbat, Juices, Coconut Water & Barley, Beverages- Drink, Pulp & Ready to Drink/Processed Fruits- Thermally, Frozen, Canned & Dehydrated, Fruit - Ready to eat	Vitamin C	FSSAI Manual of Fruit & Vegetable Products (Page No. 21): 2016	2 mg/100g to 200 mg/100g
236	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk	Milk Fat	Cl. 5 of IS:1479 (P-2)-1961, Ra : 2018	1 % to 10 %
237	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk	Milk Solids Non Fat	FSSAI Manual on Milk and Milk Products (Page-36): 2016	1 % to 20 %
238	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk	Moisture	Cl. 4 of IS:1479 (P-2): 2016	1 % to 90 %
239	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk	Test for Added Urea	Cl.17.7 of IS:1479 (P-1): 2016	Qualitative(Present or Absent)
240	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk	Test for Cane Sugar	Cl. 17.6 of IS:1479 (P-1) : 2016	Qualitative(Present or Absent)
241	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk	Test for Cellulose	FSSAI Manual on Milk and Milk Products (Page-12): 2016	Qualitative(Present or Absent)



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Permanent Facility					
242	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk	Test for Formaldehyde	Cl. 18.2 of IS:1479 (P-1): 2016	Qualitative(Present or Absent)
243	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk	Test for Neutralizers	Cl. 19 of IS:1479 (P-1): 2016	Qualitative(Present or Absent)
244	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk	Test for presence of Salicylic acid	Cl. 18.4 of IS:1479 (P-1): 2016	Qualitative(Present or Absent)
245	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk	Test for Starch	Cl 17.5 of IS:1479 (P-1): 2016	Qualitative(Present or Absent)
246	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen, snacks, sweets, Frozen foods and Instant Mixes, Ready to Eat Foods	Test for Gluten Allergen	AL/SOP/6.4/M-023: 2018	Qualitative(LOD : 1.0 mg/kg)
247	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen, snacks, sweets, Frozen foods and Instant Mixes, Ready to Eat Foods	Test for Peanut Allergen	AL/SOP/6.4/M-022: 2018	Qualitative(LOD : 0.13 mg/kg)
248	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil Seeds & By-Products	Test for Gluten Allergen	AL/SOP/6.4/M-023: 2018	Qualitative(LOD : 1.0 mg/kg)
249	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil Seeds & By-Products	Test for Peanut Allergen	AL/SOP/6.4/M-022: 2018	Qualitative(LOD : 0.13 mg/kg)
250	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oilseeds, Nuts & Nut Products	Broken Kernels	IS : 3579 : 1966 RA: 2015	0.1 % to 10 %



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Permanent Facility					
251	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oilseeds, Nuts & Nut Products	Count	FOSFA International Method, April : 2010	25 to 150
252	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oilseeds, Nuts & Nut Products	Damaged Kernels	IS : 3579 : 1966 RA: 2015	0.1 % to 10 %
253	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oilseeds, Nuts & Nut Products	Discolour Kernels	IS : 3579 : 1966 RA : 2015	0 % to 10 %
254	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oilseeds, Nuts & Nut Products	Foreign Matter	IS : 3579 : 1966 RA: 2015	0.1 % to 10 %
255	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oilseeds, Nuts & Nut Products	Free Fatty Acid (as Oleic Acid)	IS 548 (P-1) : 1964 RA : 2015	0.1 % to 5 %
256	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oilseeds, Nuts & Nut Products	Moisture	IS : 3579 : 1966 RA: 2015	0.2 % to 10 %
257	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oilseeds, Nuts & Nut Products	Oil Content	IS 3579 : 2015	0.1 % to 60 %
258	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oilseeds, Nuts & Nut Products	Peroxide Value of extracted Fat	IS 548 (P-1) : 1964 Ra : 2015	0.1 meq/kg to 50 meq/kg
259	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oilseeds, Nuts & Nut Products	Shrivelled Kernels	IS : 3579 : 1966 RA: 2015	0.1 % to 25 %



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Permanent Facility					
260	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oilseeds, Nuts & Nut Products	Split Kernels	IS : 3579 : 1966 RA: 2015	0.1 % to 40 %
261	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oilseeds, Nuts & Nut Products	Without Red Skin	IS : 3579 : 1966 RA : 2015	0 % to 10 %
262	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Peanut Butter/ Peanut Bar	Acid Value of Extracted Fat	Appendix G of IS 4684-1975 RA: 2015	0.1 % to 5 %
263	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Peanut Butter/ Peanut Bar	Fat	Appendix B of IS : 9037-1979 RA: 2015	35 % to 60 %
264	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Peanut Butter/ Peanut Bar	Moisture	Appendix A of IS : 9037-1979 RA : 2000	0.2 % to 10 %
265	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Peanut Butter/ Peanut Bar	Protein (N X 6.25)	Appendix C of IS 4684-1975 RA: 2015	20 % to 60 %
266	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Peanut Butter/ Peanut Bar	Total Ash	Appendix D of IS 4684-1975 RA: 2015	1 % to 7.5 %
267	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Plantation White Sugar, Refined sugar, Bura Sugar / Cube Sugar, Jaggery or Gur	Colour in ICUMSA	Cl. 8 of IS 15279: 2013	10 to 250
268	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Plantation White Sugar, Refined sugar, Bura Sugar / Cube Sugar, Jaggery or Gur	Extraneous Matter	FSSAI Manual on Beverages, Sugar & Confectionery Product (Page-53): 2016	Qualitative(Present or Absent)



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269	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Plantation White Sugar, Refined sugar, Bura Sugar / Cube Sugar, Jaggery or Gur	Reducing Sugar	Cl. 7 of IS 15279: 2013	0.01 % to 30 %
270	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Plantation White Sugar, Refined sugar, Bura Sugar / Cube Sugar, Jaggery or Gur	Sucrose	Cl. 12 of IS 15279: 2003	1 % to 100 %
271	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Plantation White Sugar, Refined sugar, Bura Sugar / Cube Sugar, Jaggery or Gur	Sulphated ash	Cl. 10 of IS 15279:: 2013	0.05 % to 10 %
272	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Proprietary foods/ Snacks, Ready to eat Products, ready to cook such as fried items, Namkeen	Acid insoluble ash	IS 15271:2003 Ra:: 2013	0.01 g/100g to 5 g/100g
273	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Proprietary foods/ Snacks, Ready to eat Products, ready to cook such as fried items, Namkeen	Acid value of extracted fat	IS 15271:2003 RA: 2013	0.1 to 5
274	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Proprietary foods/ Snacks, Ready to eat Products, ready to cook such as fried items, Namkeen	Added Colouring matter	FSSAI Manual on Food Additives (Page-82): 2016	Qualitative(Present or Absent)



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Permanent Facility					
275	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Proprietary foods/ Snacks, Ready to eat Products, ready to cook such as fried items, Namkeen	Artificial Sweetening agent	FSSAI Manual on Food Additives (Page No. 45): 2016	Qualitative (Present or Absent)
276	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Proprietary foods/ Snacks, Ready to eat Products, ready to cook such as fried items, Namkeen	Insect Infestation	FSSAI Manual on Cereal & Cereal Products, (Page No.3): 2016	Qualitative (Present or Absent)
277	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Proprietary foods/ Snacks, Ready to eat Products, ready to cook such as fried items, Namkeen	Moisture	IS 15271:2003 RA: 2013	0.2 g/100g to 35 g/100g
278	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Proprietary foods/ Snacks, Ready to eat Products, ready to cook such as fried items, Namkeen	Peroxide Value	IS 15271:2003 Ra: 2013	0.5 meq/kg to 20 meq/kg
279	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Proprietary foods/ Snacks, Ready to eat Products, ready to cook such as fried items, Namkeen	Total Ash	IS 15271:2003 RA: 2013	0.1 g/100g to 20 g/100g



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Permanent Facility					
280	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready To Eat Foods, Dairy Products, Spices, Bakery Products, Namkeen, Cereal & Cereal Products, Edible Oil & Fats, Nut & Nut Products, Chocolates, Canned & Processed Foods	Calcium	IS 5949: 1990	1 mg/100g to 200 mg/100g
281	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready To Eat Foods, Dairy Products, Spices, Bakery Products, Namkeen, Cereal & Cereal Products, Edible Oil & Fats, Nut & Nut Products, Chocolates, Canned & Processed Foods	Energy	AL/SOP/6.4/C-035, Date of issue: 2018	100 Kcal/100g to 900 Kcal/100g
282	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready To Eat Foods, Dairy Products, Spices, Bakery Products, Namkeen, Cereal & Cereal Products, Edible Oil & Fats, Nut & Nut Products, Chocolates, Canned & Processed Foods	Iron	FSSAI Manual on Metals (Page No. 51): 2016	0.1 mg/100g to 50 mg/100g



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Permanent Facility					
283	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready To Eat Foods, Dairy Products, Spices, Bakery Products, Namkeen, Cereal & Cereal Products, Edible Oil & Fats, Nut & Nut Products, Chocolates, Canned & Processed Foods	Monounsaturated fat	FSSAI manual for Oil & Fat (Page No. 46): 2016	0.1 g/100g to 100 g/100g
284	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready To Eat Foods, Dairy Products, Spices, Bakery Products, Namkeen, Cereal & Cereal Products, Edible Oil & Fats, Nut & Nut Products, Chocolates, Canned & Processed Foods	Polyunsaturated Fat	FSSAI manual for Oil & Fat (Page No. 46): 2016	0.1 g/100g to 100 g/100g
285	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready To Eat Foods, Dairy Products, Spices, Bakery Products, Namkeen, Cereal & Cereal Products, Edible Oil & Fats, Nut & Nut Products, Chocolates, Canned & Processed Foods	Potassium	AL/SOP/6.4/C-088, Date of issue: 2018	1 mg/kg to 50000 mg/kg



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Permanent Facility					
286	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready To Eat Foods, Dairy Products, Spices, Bakery Products, Namkeen, Cereal & Cereal Products, Edible Oil & Fats, Nut & Nut Products, Chocolates, Canned & Processed Foods	Protein	AL/ SOP/6.4/C-156, IS: 7219 : : 1973	5 g/100g to 20 g/100g
287	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready To Eat Foods, Dairy Products, Spices, Bakery Products, Namkeen, Cereal & Cereal Products, Edible Oil & Fats, Nut & Nut Products, Chocolates, Canned & Processed Foods	Saturated Fat	FSSAI manual for Oil & Fat (Page No. 46): 2016	0.1 g/100g to 100 g/100g
288	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready To Eat Foods, Dairy Products, Spices, Bakery Products, Namkeen, Cereal & Cereal Products, Edible Oil & Fats, Nut & Nut Products, Chocolates, Canned & Processed Foods	Sodium	AL/SOP/6.4/C-088, Date of issue: 2018	1 mg/kg to 50000 mg/kg



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Permanent Facility					
289	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready To Eat Foods, Dairy Products, Spices, Bakery Products, Namkeen, Cereal & Cereal Products, Edible Oil & Fats, Nut & Nut Products, Chocolates, Canned & Processed Foods	Sugar	AL/SOP/6.4/C-109: 2018	0.1 g/100g to 99 g/100g
290	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready To Eat Foods, Dairy Products, Spices, Bakery Products, Namkeen, Cereal & Cereal Products, Edible Oil & Fats, Nut & Nut Products, Chocolates, Canned & Processed Foods	Total Carbohydrates	AL/SOP/6.4/C-036, Date of issue: 2018	0.1 g/100g to 99 g/100g
291	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready To Eat Foods, Dairy Products, Spices, Bakery Products, Namkeen, Cereal & Cereal Products, Edible Oil & Fats, Nut & Nut Products, Chocolates, Canned & Processed Foods	Total Dietary Fibre	IS 11062: 1984	0.1 g/100g to 80 g/100g



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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					
292	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready To Eat Foods, Dairy Products, Spices, Bakery Products, Namkeen, Cereal & Cereal Products, Edible Oil & Fats, Nut & Nut Products, Chocolates, Canned & Processed Foods	Total fat	AL/SOP/6.4/C-111: 2018	0.5 g/100g to 100 g/100g
293	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready To Eat Foods, Dairy Products, Spices, Bakery Products, Namkeen, Cereal & Cereal Products, Edible Oil & Fats, Nut & Nut Products, Chocolates, Canned & Processed Foods	Trans fat	FSSAI manual for Oil & Fat (Page No. 102): 2016	0.1 g/100g to 10 g/100g
294	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready To Eat Foods, Dairy Products, Spices, Bakery Products, Namkeen, Cereal & Cereal Products, Edible Oil & Fats, Nut & Nut Products, Chocolates, Canned & Processed Foods	Vitamin A	AL/SOP/6.4/C-125: 2018	3 IU/ g to 2000 IU/ g



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Permanent Facility					
295	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready To Eat Foods, Dairy Products, Spices, Bakery Products, Namkeen, Cereal & Cereal Products, Edible Oil & Fats, Nut & Nut Products, Chocolates, Canned & Processed Foods	Vitamin C	IS 5838:1970 RA:: 2015	1 mg/100g to 500 mg/100g
296	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice Bran	Acid Insoluble Ash	IS 7874(P-1) -1975, RA: 2014	0.1 g/100 g to 20 g/100 g
297	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice Bran	Fat (Oil)	IS 7874(P-1) -1975, RA : 2014	1 g/100g to 25 g/100g
298	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Starch & Starch Products	Acid Insoluble Ash	IS 4706 (P-II):1978,RA: 2015	0.01 g/100g to 5 g/100g
299	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Starch & Starch Products	Moisture	IS 4706 (P-II):1978, RA: 2015	0.1 g/100g to 25 g/100g
300	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Starch & Starch Products	Total Ash	IS 4706 (P-II):1978,RA: 2015	0.01 g/100g to 5 g/100g
301	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Supplementary Nutritional Food [Premixes (as THR), Morning Snacks, Hot Cook Meal]	Fat	IS 4684:1975 Ra:: 2015	0.05 g/100 g to 70 g/100 g



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Permanent Facility					
302	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Supplementary Nutritional Food [Premixes (as THR), Morning Snacks, Hot Cook Meal]	Moisture	IS 4684:1975 Ra:: 2015	0.5 g/100 g to 35 g/100 g
303	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Supplementary Nutritional Food [Premixes (as THR), Morning Snacks, Hot Cook Meal]	Protein	IS 4684:1975 Ra:: 2015	0.5 g/ 100 g to 60 g/ 100 g
304	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Supplementary Nutritional Food [Premixes (as THR), Morning Snacks, Hot Cook Meal]	Acid Insoluble Ash	IS 4684:1975 Ra:: 2015	0.01 g/ 100 g to 2.5 g/100g
305	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Supplementary Nutritional Food [Premixes (as THR), Morning Snacks, Hot Cook Meal]	Ash	IS 4684:1975 Ra:: 2015	0.05 g/ 100 g to 15 g/ 100 g
306	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Supplementary Nutritional Food [Premixes (as THR), Morning Snacks, Hot Cook Meal]	Crude Fibre	IS 4684:1975 Ra:: 2015	0.2 g/ 100 g to 10 g/ 100 g
307	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Supplementary Nutritional Food [Premixes (as THR), Morning Snacks, Hot Cook Meal]	Energy	AL/SOP/6.4/C-035, Date of issue: 2018	1 kcal/100g to 900 kcal/100g



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Permanent Facility					
308	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Supplementary Nutritional Food [Premixes (as THR),Morning Snacks,Hot Cook Meal]	Iron	AOAC 20th EDITION, 944.02, : 2016	2 mg/kg to 100 mg/kg
309	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Supplementary Nutritional Food [Premixes (as THR),Morning Snacks,Hot Cook Meal]	Vitamin C	IS 5838:1970 Ra:: 2015	1 mg / 100g to 50 mg / 100g
310	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Supplementary Nutritional Food [Premixes (as THR),Morning Snacks,Hot Cook Meal]	Carbohydrate	AL/SOP/6.4/C-036, Date of issue: 2018	0.1 g/100g to 99 g/100g
311	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea & Tea Products	Acid insoluble ash	IS:13857-1993 Ra: 2014	0.1 g/100g to 5.0 g/100g
312	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea & Tea Products	Added Coloring matter	FSSAI Manual on Food Additives (Page-82): 2016	Qualitative(Present or Absent)
313	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea & Tea Products	Alkalinity of water soluble ash (as K ₂ O)	IS: 13856-1993 Ra : 2014	0.2 g/100g to 5 g/100g
314	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea & Tea Products	Crude Fibre	Cl. 9 of IS:16041 : 2012 Ra: 2017	1 g/100g to 25 g/100g
315	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea & Tea Products	Iron Fillings	Appendix H of IS 3633 : 2003, Ra: 2008	10 mg/kg to 1000 mg/kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



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Permanent Facility					
316	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea & Tea Products	Loss in mass at 103 degree	IS:13853-1994 Ra.: 2014	1 g/100g to 20 g/100g
317	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea & Tea Products	Total Ash	IS:13854-1994 Ra. : 2014	0.1 g/100g to 10 g/100g
318	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea & Tea Products	Water extract	IS:13862-1999 Ra.: 2014	10 g/100g to 60 g/100g
319	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea & Tea Products	Water soluble ash of total ash	IS:13855-1993 Ra : 2014	35 g/100g to 70 g/100g
320	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vitamins in Food Products	Biotin	AL/SOP/6.4/M-020: 2018	0.08 mcg/100 g to 10 mcg/100 g
321	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vitamins in Food Products	Cyanocobalamine (vitamin B12)	AL/SOP/6.4/M-018: 2018	0.05 mcg/100 g to 10 mcg/100 g
322	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vitamins in Food Products	Folic Acid	AL/SOP/6.4/M-019: 2018	0.1 mcg/100 g to 50.0 mcg/100 g
323	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vitamins in Food Products	Inositol	AL/SOP/6.4/M-021: 2018	0.5 mg/100 g to 10 mg/100 g
324	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole, Powder & Mix Masala, Saffron	Acid insoluble ash	Cl. 8 of IS:1797 : 2017	0.1 % by mass to 10 % by mass



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Permanent Facility					
325	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole, Powder & Mix Masala, Saffron	Acid insoluble ash	Cl. 5 of IS 7807 : 1975 Ra. : 2013	0.1 % by mass to 10 % by mass
326	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole, Powder & Mix Masala, Saffron	Added coloring matter	FSSAI Manual on Food Additives (Page-82): 2016	Qualitative(Present or Absent)
327	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole, Powder & Mix Masala, Saffron	Capsaicin	AOAC 20th EDITION 995.03: 2016	0.1 % to 5 %
328	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole, Powder & Mix Masala, Saffron	Crocin (in saffron)	Cl. 13 of IS 5453(P-2): 2016	20 % to 70 %
329	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole, Powder & Mix Masala, Saffron	Crude fibre	Cl. 13 of IS:1797: 2017	1 % by mass to 50 % by mass
330	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole, Powder & Mix Masala, Saffron	Curcumin	Appendix B of IS: 10925-1984 Ra. : 2012	1 % by mass to 5 % by mass
331	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole, Powder & Mix Masala, Saffron	Extraneous (Organic & Inorganic) / Foreign Matter	ASTA cleanliness specifications for spices, seeds and herbs: 1999	Qualitative(Present or Absent)
332	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole, Powder & Mix Masala, Saffron	Foreign starch	Cl. 8 of IS 7807 : 1975 Ra: 2013	Qualitative(Present or Absent)
333	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole, Powder & Mix Masala, Saffron	Insect damaged Matter	ASTA cleanliness specifications for spices, seeds and herbs: 1999	Qualitative(Present or Absent)



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Permanent Facility					
334	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole, Powder & Mix Masala, Saffron	Lead Chromate Test	FSSAI Manual on Spices and Condiments (Page-36): 2017	Qualitative(Present or Absent)
335	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole, Powder & Mix Masala, Saffron	Moisture	Cl. 9 of IS:1797: 2017	0.1 % by mass to 20 % by mass
336	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole, Powder & Mix Masala, Saffron	Moisture & Volatile Matter content (in saffron)	Cl. 13 of IS 5453(P-2): 2016	1 % to 15 %
337	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole, Powder & Mix Masala, Saffron	Non Volatile Ether Extract	Cl. 14 of IS:1797: 2017	1 % by mass to 50 % by mass
338	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole, Powder & Mix Masala, Saffron	Picrocrocin (in saffron)	Cl. 13 of IS 5453(P-2): 2016	15 % to 80 %
339	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole, Powder & Mix Masala, Saffron	Rodent Contamination	ASTA cleanliness specifications for spices, seeds and herbs, : 1999	Qualitative(Present or Absent)
340	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole, Powder & Mix Masala, Saffron	Safranal (in saffron)	Cl. 13 of IS 5453(P-2): 2016	10 % to 80 %
341	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole, Powder & Mix Masala, Saffron	Total ash	Cl. 3 of IS 7807 : 1975 Ra: 2013	0.1 % by mass to 25 % by mass
342	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole, Powder & Mix Masala, Saffron	Total ash	Cl. 6 of IS:1797: 2017	0.1 % by mass to 25 % by mass



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Permanent Facility					
343	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole, Powder & Mix Masala, Saffron	Total Starch	Cl. 9 of IS 4706(P-2):1978 Ra. : 2015	5 % by mass to 70 % by mass
344	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole, Powder & Mix Masala, Saffron	Volatile oil contents	Cl. 15 of IS:1797: 2017	0.05 % to 25 %
345	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole, Powder & Mix Masala, Saffron	Whole Insects, dead	ASTA cleanliness specifications for spices, seeds and herbs, : 1999	Qualitative(Present or Absent)
346	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereal & Cereal Products	Aflatoxin (B1, B2, G1, G2)	AL/SOP/6.4/C-054, Date of issue: : 2018	0.30 mcg/kg to 100 mcg/kg
347	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Food Grains	Aflatoxin (B1, B2, G1, G2)	AL/SOP/6.4/C-054, Date of issue: : 2018	0.3 mcg/kg to 100 mcg/kg
348	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Herbs, Spices & Condiments	Aflatoxin (B1, B2, G1, G2)	AL/SOP/6.4/C-054, Date of issue: : 2018	0.30 mcg/kg to 100 mcg/kg
349	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Oilseeds, Nuts & Nut Products	Aflatoxin (B1, B2, G1, G2)	AL/SOP/6.4/C-054, Date of issue: : 2018	0.25 mcg/kg to 100.0 mcg/kg
350	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Peanut Butter/ Peanut Bar	Aflatoxin (B1, B2, G1, G2)	AL/SOP/6.4/C-054, Date of issue: : 2018	0.30 mcg/kg to 100 mcg/kg
351	CHEMICAL- WATER	Drinking Water, Water for Processed food industry	Alkalinity (as CaCO ₃)	IS 3025(P-23) : 1986, RA: 2014	1 mg/L to 600 mg/L



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Permanent Facility					
352	CHEMICAL- WATER	Drinking Water, Water for Processed food industry	Calcium (as Ca)	IS 3025(P-40) : 1991, RA : 2014	0.5 mg/L to 200 mg/L
353	CHEMICAL- WATER	Drinking Water, Water for Processed food industry	Chloride (as Cl)	IS 3025(P-32): 1988, RA: 2014	1 mg/L to 600 mg/L
354	CHEMICAL- WATER	Drinking Water, Water for Processed food industry	Colour	Cl.2.7 of IS-3025 (P-4): 1983, RA: 2017	1 Hazen Unit to 10 Hazen Unit
355	CHEMICAL- WATER	Drinking Water, Water for Processed food industry	Fluoride (as F)	IS 3025 (P-60): 2013	0.25 mg/L to 5 mg/L
356	CHEMICAL- WATER	Drinking Water, Water for Processed food industry	Magnesium (as Mg)	IS 3025(P-46) : 1994, RA: 2014	0.1 mg/L to 500 mg/L
357	CHEMICAL- WATER	Drinking Water, Water for Processed food industry	Nitrate (as NO ₃)	IS:3025 (P-34)-1988 RA: 2014	1 mg/L to 50 mg/L
358	CHEMICAL- WATER	Drinking Water, Water for Processed food industry	Nitrite (as NO ₂)	IS:3025 (P-34)-1988 RA: 2014	0.01 mg/L to 1 mg/L
359	CHEMICAL- WATER	Drinking Water, Water for Processed food industry	pH	IS 3025(P-11): 1983, RA: 2014	4 to 10
360	CHEMICAL- WATER	Drinking Water, Water for Processed food industry	Potassium	IS 3025 (P-45):1993, RA: 2014	1 mg/L to 50000 mg/L



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SCOPE OF ACCREDITATION

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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					
361	CHEMICAL- WATER	Drinking Water, Water for Processed food industry	Sodium	IS 3025 (P-45):1993, RA: 2014	1 mg/L to 50000 mg/L
362	CHEMICAL- WATER	Drinking Water, Water for Processed food industry	Sulphate (as SO ₄)	IS: 3025 (P-24) –1986 RA: 2014	0.5 mg/L to 250 mg/L
363	CHEMICAL- WATER	Drinking Water, Water for Processed food industry	Total dissolved solids	IS 3025(P-16): 1984, RA: 2017	10 mg/l to 2000 mg/l
364	CHEMICAL- WATER	Drinking Water, Water for Processed food industry	Total Hardness (as CaCO ₃)	IS:3025 (P-21): 2014	0.5 mg/L to 600 mg/L
365	CHEMICAL- WATER	Drinking Water, Water for Processed food industry	Turbidity	IS 3025(P-10): 1984, RA: 2017	0.1 NTU to 10 NTU
366	CHEMICAL- WATER	Natural Mineral Water, Packaged Drinking water	Alkalinity (as CaCO ₃)	IS 3025(P-23) : 1986, RA: 2014	1 mg/L to 600 mg/L
367	CHEMICAL- WATER	Natural Mineral Water, Packaged Drinking water	Calcium (as Ca)	IS 3025(P-40) : 1991, RA: 2014	0.5 mg/L to 200 mg/L
368	CHEMICAL- WATER	Natural Mineral Water, Packaged Drinking water	Chloride (as Cl)	IS 3025(P-32): 1988, RA: 2014	1 mg/L to 600 mg/L
369	CHEMICAL- WATER	Natural Mineral Water, Packaged Drinking water	Colour	Cl.2.7 of IS-3025 (P-4): 1983, RA: 2017	1 Hazen Unit to 10 Hazen Unit



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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					
370	CHEMICAL- WATER	Natural Mineral Water, Packaged Drinking water	Fluoride (as F)	IS 3025 (P-60): 2013	0.25 mg/L to 5 mg/L
371	CHEMICAL- WATER	Natural Mineral Water, Packaged Drinking water	Magnesium (as Mg)	IS 3025(P-46) : 1994, RA: 2014	0.1 mg/L to 500 mg/L
372	CHEMICAL- WATER	Natural Mineral Water, Packaged Drinking water	Nitrate (as NO ₃)	IS:3025 (P-34)-1988 RA: 2014	1 mg/L to 50 mg/L
373	CHEMICAL- WATER	Natural Mineral Water, Packaged Drinking water	Nitrite (as NO ₂)	IS:3025 (P-34)-1988, RA: 2014	0.01 mg/L to 1 mg/L
374	CHEMICAL- WATER	Natural Mineral Water, Packaged Drinking water	pH	IS 3025(P-11): 1983, RA: 2017	4 to 10
375	CHEMICAL- WATER	Natural Mineral Water, Packaged Drinking Water	Potassium	IS 3025 (P-45):1993, RA: 2014	1 mg/L to 50000 mg/L
376	CHEMICAL- WATER	Natural Mineral Water, Packaged Drinking Water	Sodium	IS 3025 (P-45):1993, RA: 2014	1 mg/L to 50000 mg/L
377	CHEMICAL- WATER	Natural Mineral Water, Packaged Drinking water	Sulphate (as SO ₄)	: 3025 (P-24) –1986 RA: 2014	0.5 mg/L to 250 mg/L
378	CHEMICAL- WATER	Natural Mineral Water, Packaged Drinking water	Total dissolved solids	IS 3025(P-16): 1984, RA: 2017	10 mg/L to 2000 mg/L



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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					
379	CHEMICAL- WATER	Natural Mineral Water, Packaged Drinking water	Total Hardness (as CaCO ₃)	IS:3025 (P-21): 2014	0.5 mg/L to 600 mg/L
380	CHEMICAL- WATER	Natural Mineral Water, Packaged Drinking water	Turbidity	IS 3025(P-10): 1984, RA: 2017	0.1 NTU to 10 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.'