



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name NATIONAL AGRICULTURE AND FOOD ANALYSIS AND RESEARCH INSTITUTE,
2ND FLOOR & 3RD FLOOR, MCCIA BUILDING, PUNE, MAHARASHTRA , INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5915 Page No. : 1 / 53

Validity 06/05/2019 to 05/05/2021 Last Amended on 23/05/2019

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- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Aerobic Mesophilic Plate count	FSSAI Method Lab Manual 14 Chapter 1, Pg. 3 – 7: 2012	10 CFU/g/ml to - CFU/g/ml
2	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	B.cereus (Enumeration)	IS : 5887 (P-VI): 2018	10 CFU/g/ml to - CFU/g/ml
3	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Coliform	IS : 5401 (P-I) : 2012	10 CFU/g/ml to - CFU/g/ml
4	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	E. coli (Enumeration)	IS : 5887 (P-I) : 2013	10 CFU/g/ml to - CFU/g/ml
5	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	E. coli (Isolation) / g	IS : 5887 (P-I) : 2013	Qualitative(Present/ Absent/ 10 g/ml)
6	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Enterobacteriaceae (Enumeration)	ISO : 21528-2: 2004	10 CFU/g/ml to - CFU/g/ml
7	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Pseudomonas aeruginosa (Isolation)	Indian Pharmacopoeia – 2014 (Vol I, Page No. 46): 2014	Qualitative(Present/ Absent / 10 g/ml)
8	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	S.aureus (Enumeration)	IS : 5887 (P-II) : 2013	10 CFU/g/ml to - CFU/g/ml
9	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	S.aureus (Isolation) /25 g	IS : 5887 (P-II) : 2013	Qualitative(Present/ Absent / 25 g/ml)



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10	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Salmonella / 25 g	IS : 5887 (P-III) : 2013	Qualitative(Present/ Absent / 25 g/ml)
11	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Shigella (Isolation)	IS : 5887 (P-VII) : 2013	Qualitative(Present/ Absent / 25 g/ml)
12	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Total Plate Count	IS : 5402 : 2018	10 CFU/g/ml to - CFU/g/ml
13	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Vibrio Cholerae (Isolation)	IS : 5887 (P-V) : 2013	Qualitative(Present/ Absent / 25 g/ml)
14	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Yeast & Mould	IS : 5403 : 2013	10 CFU/g/ml to - CFU/g/ml
15	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses, Cereal & Products	Aerobic Mesophilic Plate count	FSSAI Method Lab Manual 14 Chapter 1, Pg. 3 – 7: 2012	10 CFU/g/ml to - CFU/g/ml
16	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses, Cereal & Products	B.cereus (Enumeration)	IS : 5887 (P-VI) : 2018	10 CFU/g/ml to - CFU/g/ml
17	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses, Cereal & Products	Coliform	IS : 5401 : 2012	10 CFU/g/ml to - CFU/g/ml
18	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses, Cereal & Products	E. coli (Enumeration)	IS : 5887 (P-I) : 2013	10 CFU/g/ml to - CFU/g/ml
19	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses, Cereal & Products	E. coli (Isolation) / g	IS : 5887 (P-I) : 2013	Qualitative(Present/ Absent/ 10 g/ml)



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20	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses, Cereal & Products	Enterobacteriaceae (Enumeration)	ISO : 21528-2: 2004	10 CFU/g/ml to - CFU/g/ml
21	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses, Cereal & Products	Pseudomonas aeruginosa (Isolation)	Indian Pharmacopoeia – 2014 (Vol I, Page No. 46): 2013	Qualitative(Present/ Absent / 10 g/ml)
22	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses, Cereal & Products	S.aureus (Enumeration)	IS : 5887 (P-II) : 2013	10 CFU/g/ml to - CFU/g/ml
23	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses, Cereal & Products	S.aureus (Isolation) /25 g	IS : 5887 (P-II) : 2013	Qualitative(Present/ Absent / 25 g/ml)
24	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses, Cereal & Products	Salmonella / 25 g	IS : 5887 (P-III) : 2013	Qualitative(Present/ Absent / 25 g/ml)
25	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses, Cereal & Products	Shigella (Isolation)	IS : 5887 (P-VII) : 2013	Qualitative(Present/ Absent / 25 g/ml)
26	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses, Cereal & Products	Total Plate Count	IS : 5402 : 2018	10 CFU/g/ml to - CFU/g/ml
27	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses, Cereal & Products	Vibrio Cholerae (Isolation)	IS : 5887 (P-V) : 2013	Qualitative(Present/ Absent / 25 g/ml)
28	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses, Cereal & Products	Yeast & Mould	IS : 5403 : 2013	10 CFU/g/ml to - CFU/g/ml
29	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Condensed milk	Pseudomonas aeruginosa (Isolation)	Indian Pharmacopoeia (Vol I, Page No. 46): 2014	Qualitative(Present/ Absent / 10 g/ml)



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30	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Condensed milk	S.aureus (Enumeration)	IS : 5887 (P-II): 2013	10 CFU/g/ml to - CFU/g/ml
31	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Condensed milk	S.aureus (Isolation) /25 g	IS : 5887 (P-II): 2013	Qualitative(Present/ Absent / 25 g/ml)
32	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Condensed milk	Total Plate Count	IS : 5402: 2018	10 CFU/g/ml to - CFU/g/ml
33	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit &Fruit Products	Aerobic Mesophilic Plate Count	FSSAI Method Lab Manual 14 Chapter 1, Pg. 3 – 7: 2012	10 CFU/g/ml to - CFU/g/ml
34	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit &Fruit Products	B.cereus (Enumeration)	IS : 5887 (P-VI) : 2018	10 CFU/g/ml to - CFU/g/ml
35	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit &Fruit Products	Coliform	IS : 5401 (P-I) : 2012	10 CFU/g/ml to - CFU/g/ml
36	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit &Fruit Products	E. coli (Enumeration)	IS : 5887 (P-I): 2013	10 CFU/g/ml to - CFU/g/ml
37	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit &Fruit Products	E. coli (Isolation) / g	IS : 5887 (P-I) : 2013	Qualitative(Present/ Absent/ 10 g/ml)
38	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit &Fruit Products	Enterobacteriaceae (Enumeration)	ISO : 21528-2: 2004	10 CFU/g/ml to - CFU/g/ml
39	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit &Fruit Products	Pseudomonas aeruginosa (Isolation)	Indian Pharmacopoeia – (Vol I, Page No. 46): 2014	Qualitative(Present/ Absent / 10 g/ml)



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40	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit &Fruit Products	S.aureus (Enumeration)	IS : 5887 (P-II) : 2013	10 CFU/g/ml to - CFU/g/ml
41	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit &Fruit Products	S.aureus (Isolation) /25 g	IS : 5887 (P-II) : 2013	Qualitative(Present/ Absent / 25 g/ml)
42	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit &Fruit Products	Salmonella / 25 g	IS : 5887 (P-III) : 2013	Qualitative(Present/ Absent / 25 g/ml)
43	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit &Fruit Products	Shigella (Isolation)	IS : 5887 (P-VII): 2013	Qualitative(Present/ Absent / 25 g/ml)
44	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit &Fruit Products	Total Plate Count	IS : 5402 : 2018	10 CFU/g/ml to - CFU/g/ml
45	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit &Fruit Products	Yeast & Mould	IS : 5403 : 2013	10 CFU/g/ml to - CFU/g/ml
46	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ginger powder	Enterobacteriaceae (Enumeration)	ISO : 21528-2: 2004	10 CFU/g/ml to - CFU/g/ml
47	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ginger powder	Salmonella / 25 g	IS : 5887 (P-III): 2013	Qualitative(Present/ Absent / 25 g/ml)
48	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Aerobic Mesophilic Plate count	FSSAI Method Lab Manual 14 Chapter 1, Pg. 3 – 7, : 2012	10 CFU/g/ml to - CFU/g/ml
49	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	B.cereus (Enumeration)	IS : 5887 (P-VI) : 2018	10 CFU/g/ml to - CFU/g/ml



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50	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Coliform	IS : 5401 (P-I): 2012	10 CFU/g/ml to - CFU/g/ml
51	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	E. coli (Enumeration)	IS : 5887 (P-I) : 2013	10 CFU/g/ml to - CFU/g/ml
52	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	E. coli (Isolation) / g	IS : 5887 (P-I) : 2013	Qualitative(Present/ Absent/ 10 g/ml)
53	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Pseudomonas aeruginosa (Isolation)	Indian Pharmacopoeia – (Vol I, Page No. 46): 2014	Qualitative(Present/ Absent / 10 g/ml)
54	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	S.aureus (Enumeration)	IS : 5887 (P-II) : 2013	10 CFU/g/ml to - CFU/g/ml
55	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	S.aureus (Isolation) /25 g	IS : 5887 (P-II) : 2013	Qualitative(Present/ Absent / 25 g/ml)
56	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Shigella (Isolation)	IS : 5887 (P-VII): 2013	Qualitative(Present/ Absent / 25 g/ml)
57	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Total Plate Count	IS : 5402 : 2018	10 CFU/g/ml to - CFU/g/ml
58	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Vibrio Cholerae (Isolation)	IS : 5887 : 2013	Qualitative(Present/ Absent / 25 g/ml)
59	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Yeast & Mould	IS : 5403 : 2013	10 CFU/g/ml to - CFU/g/ml



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60	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Aerobic Mesophilic Plate Count	FSSAI Method Lab Manual 14 Chapter 1, Pg. 3 – 7: 2012	10 CFU/g/ml to - CFU/g/ml
61	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	B.cereus (Enumeration)	IS : 5887 (P-VI): 2018	10 CFU/g/ml to - CFU/g/ml
62	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Coliform	IS : 5401 (P-I) : 2012	10 CFU/g/ml to - CFU/g/ml
63	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	E. coli (Enumeration)	IS : 5887 (P-I) : 2013	10 CFU/g/ml to - CFU/g/ml
64	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	milk & Dairy Products	E. coli (Isolation)	IS : 5887 (P-I) : 2013	Qualitative(Present/ Absent/ 10 g/ml)
65	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Enterobacteriaceae (Enumeration)	ISO : 21528-2: 2004	10 CFU/g/ml to - CFU/g/ml
66	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Salmonella / 25 g	IS : 5887 (P-III) : 2013	Qualitative(Present/ Absent / 25 g/ml)
67	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Shigella (Isolation)	IS : 5887 (P-VII) : 2013	Qualitative(Present/ Absent / 25 g/ml)
68	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Vibrio Cholerae (Isolation)	IS : 5887 (P-V) : 2013	Qualitative(Present/ Absent / 25 g/ml)
69	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Yeast & Mould	IS : 5403 : 2013	10 CFU/g/ml to - CFU/g/ml



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70	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Mixed fruit Jam	Vibrio Cholerae (Isolation)	IS : 5887 (P-V) : 2013	Qualitative(Present/ Absent / 25 g/ml)
71	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut Products	Aerobic Mesophilic Plate count	FSSAI Method Lab Manual 14 Chapter 1, Pg. 1 – 5: 2012	10 CFU/g/ml to - CFU/g/ml
72	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut Products	B.cereus (Enumeration)	IS : 5887 (P-VI) : 2018	10 CFU/g/ml to - CFU/g/ml
73	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut Products	Coliform	IS : 5401 (P-I) : 2012	10 CFU/g/ml to - CFU/g/ml
74	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut Products	E. coli (Enumeration)	IS : 5887 (P-I) : 2013	10 CFU/g/ml to - CFU/g/ml
75	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut Products	E. coli (Isolation) / g	IS : 5887 (P-I) : 2013	Qualitative(Present/ Absent/ 10 g/ml)
76	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut Products	Enterobacteriaceae (Enumeration)	ISO : 21528-2: 2004	10 CFU/g/ml to - CFU/g/ml
77	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut Products	Pseudomonas aeruginosa (Isolation)	Indian Pharmacopoeia – (Vol I, Page No. 46): 2014	Qualitative(Present/ Absent / 10 g/ml)
78	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut Products	S.aureus (Enumeration)	IS : 5887 (P-II) : 2013	10 CFU/g/ml to - CFU/g/ml
79	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut Products	S.aureus (Isolation) /25 g	IS : 5887 (P-II) : 2013	Qualitative(Present/ Absent / 25 g/ml)



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80	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut Products	Salmonella / 25 g	IS : 5887 (P-III) : 2013	Qualitative(Present/ Absent / 25 g/ml)
81	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut Products	Shigella (Isolation)	IS : 5887 (P-VII): 2013	Qualitative(Present/ Absent / 25 g/ml)
82	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut Products	Total Plate Count	IS : 5402 - : 2018	10 CFU/g/ml to - CFU/g/ml
83	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut Products	Vibrio Cholerae (Isolation)	IS : 5887 (P-V) : 2013	Qualitative(Present/ Absent / 25 g/ml)
84	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut Products	Yeast & Mould	IS : 5403 : 2013	10 CFU/g/ml to - CFU/g/ml
85	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks & Instant Mixes	Aerobic Mesophilic Plate Count	FSSAI Method Lab Manual 14 Chapter 1, Pg. 3 – 7, : 2012	10 CFU/g/ml to - CFU/g/ml
86	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks & Instant Mixes	B.cereus (Enumeration)	IS : 5887 (P-VI) : 2018	10 CFU/g/ml to - CFU/g/ml
87	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks & Instant Mixes	Coliform	IS : 5401 (P-I) : 2012	10 CFU/g/ml to - CFU/g/ml
88	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks & Instant Mixes	E. coli (Enumeration)	IS : 5887 (P-I) : 2013	10 CFU/g/ml to - CFU/g/ml
89	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks & Instant Mixes	E.coli (Isolation) / g	IS : 5887 (P-I) : 2013	Qualitative(Present/ Absent/ 10 g/ml)



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90	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks & Instant Mixes	Enterobacteriaceae (Enumeration)	ISO : 21528-2: 2004	10 CFU/g/ml to - CFU/g/ml
91	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks & Instant Mixes	Pseudomonas aeruginosa (Isolation)	Indian Pharmacopoeia – (Vol I, Page No. 46): 2014	Qualitative(Present/ Absent / 10 g/ml)
92	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks & Instant Mixes	S.aureus (Enumeration)	IS : 5887 (P-II): 2013	10 CFU/g/ml to - CFU/g/ml
93	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks & Instant Mixes	S.aureus (Isolation) /25 g	IS : 5887 (P-II): 2013	Qualitative(Present/ Absent / 25 g/ml)
94	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks & Instant Mixes	Salmonella / 25 g	IS : 5887 (P-III): 2013	Qualitative(Present/ Absent / 25 g/ml)
95	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks & Instant Mixes	Shigella (Isolation)	IS : 5887 (P-VII) : 2013	Qualitative(Present/ Absent / 25 g/ml)
96	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks & Instant Mixes	Total Plate Count	IS : 5402 : 2018	10 CFU/g/ml to - CFU/g/ml
97	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks & Instant Mixes	Vibrio Cholerae (Isolation)	IS : 5887 (P-V) : 2013	Qualitative(Present/ Absent / 25 g/ml)
98	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks & Instant Mixes	Yeast & Mould	IS : 5403 : 2013	10 CFU/g/ml to - CFU/g/ml
99	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Sugars & Sugar Products	Aerobic Mesophilic Plate count	FSSAI Method Lab Manual 14 Chapter 1, Pg. 3 – 7: 2012	10 CFU/g/ml to - CFU/g/ml



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100	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Sugars & Sugar Products	B.cereus (Enumeration)	IS : 5887 (P-VI) : 2018	10 CFU/g/ml to - CFU/g/ml
101	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Sugars & Sugar Products	Coliform	IS : 5401 (P-I) : 2012	10 CFU/g/ml to - CFU/g/ml
102	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Sugars & Sugar Products	E. coli (Enumeration)	IS : 5887 (P-I) : 2013	10 CFU/g/ml to - CFU/g/ml
103	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Sugars & Sugar Products	E. coli (Isolation) / g	IS : 5887 (P-I) : 2013	Qualitative(Present/ Absent/ 10 g/ml)
104	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Sugars & Sugar Products	Enterobacteriaceae (Enumeration)	ISO : 21528-2: 2004	10 CFU/g/ml to - CFU/g/ml
105	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Sugars & Sugar Products	Pseudomonas aeruginosa (Isolation)	Indian Pharmacopoeia – (Vol I, Page No. 46): 2014	Qualitative(Present/ Absent / 10 g/ml)
106	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Sugars & Sugar Products	S.aureus (Enumeration)	IS : 5887 (P-II) : 2013	10 CFU/g/ml to - CFU/g/ml
107	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Sugars & Sugar Products	S.aureus (Isolation) /25 g	IS : 5887 (P-II) : 2013	Qualitative(Present/ Absent / 25 g/ml)
108	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Sugars & Sugar Products	Salmonella / 25 g	IS : 5887 (P-III) : 2013	Qualitative(Present/ Absent / 25 g/ml)
109	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Sugars & Sugar Products	Shigella (Isolation)	IS : 5887 (P-VII) : 2013	Qualitative(Present/ Absent / 25 g/ml)



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110	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Sugars & Sugar Products	Total Plate Count	IS : 5402 : 2018	10 CFU/g/ml to - CFU/g/ml
111	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Sugars & Sugar Products	Vibrio Cholerae (Isolation)	IS : 5887 (P-V) : 2013	Qualitative(Present/ Absent / 25 g/ml)
112	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Sugars & Sugar Products	Yeast & Mould	IS : 5403 : 2013	10 CFU/g/ml to - CFU/g/ml
113	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tomato puree	Shigella (Isolation)	IS : 5887 (P-VII): 2013	Qualitative(Present/ Absent / 25 g/ml)
114	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	Aerobic Mesophilic Plate count	FSSAI Method Lab Manual 14 Chapter 1, Pg. 3 – 7: 2012	10 CFU/g/ml to - CFU/g/ml
115	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	B.cereus (Enumeration)	IS : 5887 (P-VI) : 2018	10 CFU/g/ml to - CFU/g/ml
116	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	Coliform	IS : 5401 (P-I) : 2012	10 CFU/g/ml to - CFU/g/ml
117	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	E. coli (Enumeration)	IS : 5887 (P-I) : 2013	10 CFU/g/ml to - CFU/g/ml
118	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	E. coli (Isolation) / g	IS : 5887 (P-I) : 2013	Qualitative(Present/ Absent/ 10 g/ml)
119	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	Enterobacteriaceae (Enumeration)	ISO : 21528-2: 2004	10 CFU/g/ml to - CFU/g/ml



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120	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	Pseudomonas aeruginosa (Isolation)	Indian Pharmacopoeia – (Vol I, Page No. 46): 2014	Qualitative(Present/ Absent / 10 g/ml)
121	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	S.aureus (Enumeration)	IS : 5887 (P-II) : 2013	10 CFU/g/ml to - CFU/g/ml
122	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	S.aureus (Isolation) /25 g	IS : 5887 (P-II): 2013	Qualitative(Present/ Absent / 25 g/ml)
123	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	Salmonella / 25 g	IS : 5887 (P-III) : 2013	Qualitative(Present/ Absent / 25 g/ml)
124	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	Total Plate Count	IS : 5402 : 2018	10 CFU/g/ml to - CFU/g/ml
125	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	Vibrio Cholerae (Isolation)	IS : 5887 (P-V) : 2013	Qualitative(Present/ Absent / 25 g/ml)
126	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	Yeast & Mould	IS : 5403 - : 2013	10 CFU/g/ml to - CFU/g/ml
127	BIOLOGICAL- WATER	Drinking Water	Aerobic Mesophilic Plate Count	FSSAI Method Lab Manual 14 Chapter 1, Pg. 3 – 7, : 2015	1 CFU/ml to - CFU/ml
128	BIOLOGICAL- WATER	Drinking Water	Fecal streptococci	IS : 1622: 2014	2 Per 100 ml to 542 Per 100ml
129	BIOLOGICAL- WATER	Water	Coliform (MPN)	IS : 1622: 2014	2 Per 100 ml to 542 Per 100 ml
130	BIOLOGICAL- WATER	Water	E. coli or Thermo-tolerant Coliform	IS : 1622: 2014	Qualitative(Present/ Absent / 100 ml)



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131	BIOLOGICAL- WATER	Water	Total Plate Count	IS : 5402: 2012	1 CFU/ml to - CFU/ml
132	CHEMICAL- ANIMAL FOOD & FEEDS	Animal food	Acid insoluble ash	IS 7874 (P-I ,10): 2009	0.02 g/100g to 5 g/100g
133	CHEMICAL- ANIMAL FOOD & FEEDS	Animal food	Ash	IS 7874 (P-I ,9): 2009	0.75 g/100g to 25 g/100g
134	CHEMICAL- ANIMAL FOOD & FEEDS	Animal food	Carbohydrates	IS 1656: 2012	1.0 g/100g to 80 g/100g
135	CHEMICAL- ANIMAL FOOD & FEEDS	Animal food	Crude fat	IS 7874 (P-I ,7): 2009	0.75 g/100g to 60 g/100g
136	CHEMICAL- ANIMAL FOOD & FEEDS	Animal food	Crude fibre	IS 7874 (P-I ,8): 2009	0.75 g/100g to 25 g/100g
137	CHEMICAL- ANIMAL FOOD & FEEDS	Animal food	Crude protein	IS 7874 (P-I ,5): 2009	0.5 g/100g to 60 g/100g
138	CHEMICAL- ANIMAL FOOD & FEEDS	Animal food	Crude protein	IS 7219 : 2015	0.5 g/100g to 60 g/100g
139	CHEMICAL- ANIMAL FOOD & FEEDS	Animal food	Moisture	IS 7874 (P-I ,4): 2009	0.75 g/100g to 40 g/100g
140	CHEMICAL- ANIMAL FOOD & FEEDS	Animal nutrients	Acid insoluble ash	IS 7874 (P-I ,10): 2009	0.02 g/100g to 5 g/100g
141	CHEMICAL- ANIMAL FOOD & FEEDS	Animal nutrients	Ash	IS 7874 (P-I ,9): 2009	0.75 g/100g to 25 g/100g
142	CHEMICAL- ANIMAL FOOD & FEEDS	Animal nutrients	Carbohydrates	IS 1656: 2012	1.0 g/100g to 80 g/100g
143	CHEMICAL- ANIMAL FOOD & FEEDS	Animal nutrients	Crude fat	IS 7874 (P-I ,7): 2009	0.75 g/100g to 60 g/100g
144	CHEMICAL- ANIMAL FOOD & FEEDS	Animal nutrients	Crude fibre	IS 7874 (P-I ,8): 2009	0.75 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
145	CHEMICAL- ANIMAL FOOD & FEEDS	Animal nutrients	Crude protein	IS 7874 (P-I ,5): 2009	0.5 g/100g to 60 g/100g
146	CHEMICAL- ANIMAL FOOD & FEEDS	Animal nutrients	Crude protein	IS 7219: 2015	0.5 g/100g to 60 g/100g
147	CHEMICAL- ANIMAL FOOD & FEEDS	Animal nutrients	Energy value	IS 1350 (P-II): 2010	10 kcal/100g to 950 kcal/100g
148	CHEMICAL- ANIMAL FOOD & FEEDS	Animal nutrients	Moisture	IS 7874 (P-I ,4): 2009	0.75 g/100g to 40 g/100g
149	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beer,Vodka,Rum,Brandy,Whisky,Malt Based Beverages,Wines	Acidity as Tartaric Acid	IS 7585 (5.2): 2014	0.5 % to 8 %
150	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beer,Vodka,Rum,Brandy,Whisky,Malt Based Beverages,Wines	Acidity as Tartaric Acid	IS 3752 (7.1): 2009	0.5 % to 8 %
151	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beer,Vodka,Rum,Brandy,Whisky,Malt Based Beverages,Wines	Ash	IS 3752 (6): 2009	0.1 % to 10 %
152	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beer,Vodka,Rum,Brandy,Whisky,Malt Based Beverages,Wines	Ethyl Alcohol Content	IS 7585 (Sr.No.4.2.5): 2014	1.0 % to 80 %
153	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beer,Vodka,Rum,Brandy,Whisky,Malt Based Beverages,Wines	Ethyl Alcohol Content	IS 3752(Sr.No. 4.2): 2009	1.0 % to 80 %
154	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beer,Vodka,Rum,Brandy,Whisky,Malt Based Beverages,Wines	Ethyl Alcohol Content	IS 3811: 2015	1 % to 80 %
155	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beer,Vodka,Rum,Brandy,Whisky,Malt Based Beverages,Wines	Ethyl Alcohol Content	IS 5286: 2015	1.0 % to 80 %



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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
156	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beer,Vodka,Rum,Brandy,Whisky,Malt Based Beverages,Wines	Ethyl Alcohol Content	IS 4100: 2015	1.0 % to 80 %
157	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beer,Vodka,Rum,Brandy,Whisky,Malt Based Beverages,Wines	Ethyl Alcohol Content	IS 3865: 2014	1.0 % to 80 %
158	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beer,Vodka,Rum,Brandy,Whisky,Malt Based Beverages,Wines	Free Sulphur Dioxide	IS 7585 (9.1): 2014	1 mg/kg to 2000 mg/kg
159	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beer,Vodka,Rum,Brandy,Whisky,Malt Based Beverages,Wines	Methanol (Qualitative)	IS 3752 (16.1): 2009	Qualitative(Present/Absent)
160	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beer,Vodka,Rum,Brandy,Whisky,Malt Based Beverages,Wines	pH	IS 7585 (5.1): 2014	2 to 10
161	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beer,Vodka,Rum,Brandy,Whisky,Malt Based Beverages,Wines	Reducing Sugar	IS 7585 (7): 2014	0.1 % to 60 %
162	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beer,Vodka,Rum,Brandy,Whisky,Malt Based Beverages,Wines	Total Solids	AOAC 20th Edn. 920.193 (11.1.09): 2016	0.1 % to 70 %
163	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beer,Vodka,Rum,Brandy,Whisky,Malt Based Beverages,Wines	Total Sulphur Dioxide	IS 7585 (9.2): 2014	1 mg/kg to 2000 mg/kg
164	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beer,Vodka,Rum,Brandy,Whisky,Malt Based Beverages,Wines	Volatile Acidity	IS 7585 (5.3): 2014	0.001 % to 5 %
165	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beer,Vodka,Rum,Brandy,Whisky,Malt Based Beverages,Wines	Volatile Acidity	IS 3752 (8): 2009	0.001 % to 5 %



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166	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread,Toast,Biscuits,W afer Biscuits,Butter,Cookies ,Khari,Pizza Base ,Bun, ladi Pav	Acid Insoluble Ash	IS 12711: 2015	0.02 g/100g to 2 g/100g
167	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread,Toast,Biscuits,W afer Biscuits,Butter,Cookies ,Khari,Pizza Base ,Bun, ladi Pav	Ash	IS 12711: 2015	0.1 g/100g to 5 g/100g
168	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread,Toast,Biscuits,W afer Biscuits,Butter,Cookies ,Khari,Pizza Base ,Bun, ladi Pav	Carbohydrate	IS 1656 (Annex C): 2012	0.5 g/100g to 80 g/100g
169	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread,Toast,Biscuits,W afer Biscuits,Butter,Cookies ,Khari,Pizza Base ,Bun, ladi Pav	Energy Value	NAFARI/SOP/101 ISSUE NO 1 JULY 13: 2017	10 kcal/100g to 950 kcal/100g
170	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread,Toast,Biscuits,W afer Biscuits,Butter,Cookies ,Khari,Pizza Base ,Bun, ladi Pav	Fat	IS12711: 2015	0.1 g/100g to 60 g/100g
171	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread,Toast,Biscuits,W afer Biscuits,Butter,Cookies ,Khari,Pizza Base ,Bun, ladi Pav	Fatty Acid Profile (Sat. Fat, PUFA, MUFA, Trans Fat)	AOAC 20 th Edn. 996.01,(32.2.02A): 2016	0.01 g/100g to 100 g/100g



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172	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread,Toast,Biscuits,W afer Biscuits,Butter,Cookies ,Khari,Pizza Base ,Bun, ladi Pav	Gluten	IS 1009 (Appendix D): 2010	1 g/100g to 20 g/100g
173	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread,Toast,Biscuits,W afer Biscuits,Butter,Cookies ,Khari,Pizza Base ,Bun, ladi Pav	Gluten	IS 1155 : 2010	1 g/100g to 20 g/100g
174	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread,Toast,Biscuits,W afer Biscuits,Butter,Cookies ,Khari,Pizza Base ,Bun, ladi Pav	Gluten	IS 1010: 2010	1 g/100g to 20 g/100g
175	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread,Toast,Biscuits,W afer Biscuits,Butter,Cookies ,Khari,Pizza Base ,Bun, ladi Pav	Moisture	IS 12711 : 2015	0.2 g/100g to 80 g/100g
176	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread,Toast,Biscuits,W afer Biscuits,Butter,Cookies ,Khari,Pizza Base ,Bun, ladi Pav	Protein	IS 7219: 2015	0.5 g/100g to 50 g/100g
177	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread,Toast,Biscuits,W afer Biscuits,Butter,Cookies ,Khari,Pizza Base ,Bun, ladi Pav	Protein	AOAC 20 th Edn. 935.39,32.4.02: 2016	0.5 g/100g to 50 g/100g



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178	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread,Toast,Biscuits,W afer Biscuits,Butter,Cookies ,Khari,Pizza Base ,Bun, ladi Pav	Sugar	AOAC 20 th Edn. 923.09,44.1.15: 2016	0.5 g/100g to 80 g/100g
179	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Eggs	Acid Insoluble Ash	AOAC 20th 920.72(31.2.06): 2016	0.02 g/100g to 2 g/100g
180	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Eggs	Carbohydrate	IS 1656 (Annex C): 2012	0.5 g/100g to 80 g/100g
181	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Eggs	Energy Value	NAFARI/SOP/101 ISSUE NO 1 JULY 13: 2017	10 kcal/100g to 950 kcal/100g
182	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Eggs	Fat	AOAC 20th Edn.925.32(34.1.07): 2016	0.1 g/100g to 60 g/100g
183	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Eggs	Moisture	AOAC 20 th 925.30 (34.1.04): 2016	0.5 g/100g to 50 g/100g
184	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Eggs	Nitrogen (Protein)	AOAC 20th Edn.925.31,34.1.05: 2016	0.5 g/100g to 90 g/100g
185	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Eggs	Total Ash	AOAC 20th Edn. 950.49(40.1.08): 2016	0.1 g/100g to 10 g/100g
186	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Gran ola,Oats,Breakfast Cereals	Acid Insoluble Ash	IS 1009 (Appendix C): 2010	0.02 g/100g to 2 g/100g



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187	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Acid Insoluble Ash	IS 1155: 2010	0.02 g/100g to 2 g/100g
188	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Acid Insoluble Ash	IS 2400: 2010	0.02 g/100g to 2 g/100g
189	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Alcoholic Acidity	IS 1009 (Appendix E): 2010	0.01 g/100g to 5 g/100g
190	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Alcoholic Acidity	IS 1155: 2010	0.01 g/100g to 5 g/100g
191	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Alcoholic Acidity	IS 1010: 2010	0.01 g/100g to 5 g/100g
192	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Ash	IS 1009 (Appendix B): 2010	0.2 g/100g to 10 g/100g
193	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Ash	IS 1155: 2010	0.2 g/100g to 10 g/100g
194	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Ash	IS 1010: 2010	0.2 g/100g to 10 g/100g
195	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Ash	IS 2400: 2010	0.2 g/100g to 10 g/100g
196	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Carbohydrate	IS 2234(Table 1): 2010	0.5 g/100g to 90 g/100g



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197	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Crude Fibre	IS 2234 (Annex G): 2010	0.2 g/100g to 25 g/100g
198	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Crude Fibre	IS 1155: 2010	0.2 g/100g to 25 g/100g
199	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Crude Fibre	IS 1010: 2010	0.2 g/100g to 25 g/100g
200	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Crude Fibre	IS 10226 (Part II): 2010	0.2 g/100g to 25 g/100g
201	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Energy Value	NAFARI/SOP/101 ISSUE NO 1 JULY 13: 2017	10 g/100g to 950 g/100g
202	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Fat	AOAC 20th Edn.920.85 (32.1.13): 2016	0.1 g/100g to 60 g/100g
203	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Fatty Acid Profile (Sat.Fat, PUFA, MUFA, Trans Fat)	AOAC 20th Edn. 996.01 (32.2.02 A): 2016	0.01 % to 100 %
204	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Gluten	IS 1009 (Appendix D): 2010	1 g/100g to 20 g/100g
205	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Gluten	IS 1155: 2010	1 g/100g to 20 g/100g
206	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Gluten	IS 1010: 2010	1 g/100g to 20 g/100g



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207	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Moisture	IS 1009 (Appendix A): 2010	1 g/100g to 90 g/100g
208	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Moisture	IS 1155: 2010	1 g/100g to 90 g/100g
209	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Moisture	IS 1010: 2010	1 g/100g to 90 g/100g
210	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Moisture	IS 2400: 2010	1 g/100g to 90 g/100g
211	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Protein	AOAC 20th Edn. 920.87 (32.1.22): 2016	0.5 g/100g to 60 g/100g
212	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Protein	IS 7219: 2015	0.5 g/100g to 60 g/100g
213	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Starch	IS 4706 (Part-II): 2010	1 g/100g to 75 g/100g
214	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flours,Cornflakes,Granola,Oats,Breakfast Cereals	Sugar	AOAC 20th Edn.923.09 (44.1.15): 2016	0.5 g/100g to 80 g/100g
215	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Vegetables including Mushroom, Processed / Cut Frozen / Dried / Retorted / Cooked Vegetables, Vegetable Chutneys & sauces	Acid insoluble Ash	AOAC 20th Edn .920.72: 2016	0.02 g/100 g to 2 g/100 g



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216	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Vegetables including Mushroom, Processed / Cut Frozen / Dried / Retorted / Cooked Vegetables, Vegetable Chutneys & sauces	Acid insoluble Ash	IS 13846: 2013	0.02 g/100 g to 2 g/100 g
217	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Vegetables including Mushroom, Processed / Cut Frozen / Dried / Retorted / Cooked Vegetables, Vegetable Chutneys & sauces	Acidity of cut-out syrup	IS 2860 (10): 2013	0.5 g/100 g to 20 g/100 g
218	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Vegetables including Mushroom, Processed / Cut Frozen / Dried / Retorted / Cooked Vegetables, Vegetable Chutneys & sauces	Added Starch	AOAC 20th Edn. 925.38: 2016	Qualitative(Present/ Absent)
219	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Vegetables including Mushroom, Processed / Cut Frozen / Dried / Retorted / Cooked Vegetables, Vegetable Chutneys & sauces	Ash	AOAC 20th Edn.940.26: 2016	0.1 g/100 g to 10 g/100 g



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220	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Vegetables including Mushroom, Processed / Cut Frozen / Dried / Retorted / Cooked Vegetables, Vegetable Chutneys & sauces	Brix	AOAC 20th Edn.932.12: 2016	0.5 g/100 g to 80 g/100 g
221	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Vegetables including Mushroom, Processed / Cut Frozen / Dried / Retorted / Cooked Vegetables, Vegetable Chutneys & sauces	Brix	IS 13815: 2009	0.5 g/100 g to 80 g/100 g
222	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Vegetables including Mushroom, Processed / Cut Frozen / Dried / Retorted / Cooked Vegetables, Vegetable Chutneys & sauces	Carbohydrate	IS 1656 Annex C: 2012	0.5 g/100 g to 90 g/100 g
223	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Vegetables including Mushroom, Processed / Cut Frozen / Dried / Retorted / Cooked Vegetables, Vegetable Chutneys & sauces	Drain Weight	FSSAI Manual Of Methods Of Analysis of foods - Fruit & Vegetable: 2016	10 g/100 g to 100 g/100 g



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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
224	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Vegetables including Mushroom, Processed / Cut Frozen / Dried / Retorted / Cooked Vegetables, Vegetable Chutneys & sauces	Energy Value	NAFARI/SOP/101 ISSUE NO 1 JULY 13: 2017	1 kcal/100 g to 950 kcal/100 g
225	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Vegetables including Mushroom, Processed / Cut Frozen / Dried / Retorted / Cooked Vegetables, Vegetable Chutneys & sauces	Moisture	AOAC 20th Edn., 920.151 : 2016	0.1 g/100 g to 98 g/100 g
226	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Vegetables including Mushroom, Processed / Cut Frozen / Dried / Retorted / Cooked Vegetables, Vegetable Chutneys & sauces	Moisture	AOAC 20th Edn.934.06: 2016	0.1 g/100 g to 98 g/100 g
227	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Vegetables including Mushroom, Processed / Cut Frozen / Dried / Retorted / Cooked Vegetables, Vegetable Chutneys & sauces	pH	IS 2860: 2013	2 to 10



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228	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Vegetables including Mushroom, Processed / Cut Frozen / Dried / Retorted / Cooked Vegetables, Vegetable Chutneys & sauces	Protein	AOAC 20th Edn.920.152: 2016	0.5 g/100 g to 50 g/100 g
229	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Vegetables including Mushroom, Processed / Cut Frozen / Dried / Retorted / Cooked Vegetables, Vegetable Chutneys & sauces	Starch	IS 4706 Part II: 2015	1 g/100 g to 75 g/100 g
230	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Vegetables including Mushroom, Processed / Cut Frozen / Dried / Retorted / Cooked Vegetables, Vegetable Chutneys & sauces	Sugar	AOAC 20th Edn, 923.09: 2016	0.5 g/100 g to 80 g/100 g
231	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Vegetables including Mushroom, Processed / Cut Frozen / Dried / Retorted / Cooked Vegetables, Vegetable Chutneys & sauces	Total Filling Capacity	FSSAI Manual Of Methods of Analysis of Foods- Fruit & vegetables: 2016	25 ml to 1000 ml



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232	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Vegetables including Mushroom, Processed / Cut Frozen / Dried / Retorted / Cooked Vegetables, Vegetable Chutneys & sauces	Total Solids	AOAC 20th Edn.920.151: 2016	1 g/100 g to 80 g/100 g
233	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Vegetables including Mushroom, Processed / Cut Frozen / Dried / Retorted / Cooked Vegetables, Vegetable Chutneys & sauces	Total solids	AOAC 20th Edn. 934.06: 2016	1 g/100 g to 80 g/100 g
234	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Vegetables including Mushroom, Processed / Cut Frozen / Dried / Retorted / Cooked Vegetables, Vegetable Chutneys & sauces	Vitamin C	IS 5838 Part 4: 2015	2 mg/100 g to 200 mg/100 g
235	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut/Almond/Cashewnut/Walnut/Hazelnut	Ash	AOAC 20th Edn. 950.49,40.1.08: 2016	0.2 g/100g to 5 g/100g
236	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut/Almond/Cashewnut/Walnut/Hazelnut	Carbohydrate	IS 1656 (Annex C): 2012	0.5 g/100g to 80 g/100g
237	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut/Almond/Cashewnut/Walnut/Hazelnut	Energy Value	NAFARI/SOP/101 ISSUE NO 1 JULY 13: 2017	10 kcal/100g to 950 kcal/100g



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238	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut/Almond/Cashewnut/Walnut/Hazelnut	Fat	IS 12220 (Appendix B-3.1.3): 2010	0.75 g/100g to 60 g/100g
239	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut/Almond/Cashewnut/Walnut/Hazelnut	Fatty Acid Profile (Sat.Fat,PUFA,MUFA,Trans Fat)	AOAC 20 th Edn. 996.01,(32.2.02A): 2016	0.01 g/100g to 100 g/100g
240	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut/Almond/Cashewnut/Walnut/Hazelnut	Moisture	AOAC 20 th Edn. 925.40,40.1.04: 2016	0.2 g/100g to 20 g/100g
241	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut/Almond/Cashewnut/Walnut/Hazelnut	Protein	AOAC 20 th Edn. 950.48,40.1.06: 2016	0.5 g/100g to 40 g/100g
242	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut/Almond/Cashewnut/Walnut/Hazelnut	Protein	IS 7219 : 2015	0.5 g/100g to 40 g/100g
243	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut/Almond/Cashewnut/Walnut/Hazelnut	Sugar	AOAC 20 th Edn. 923.09,44.1.15: 2016	0.5 g/100g to 80 g/100g
244	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Acidity	IS 4941(Annex E): 2008	0.01 g/100g to 2 g/100g
245	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Ash	IS 4941 (Annex D): 2008	0.2 g/100g to 5 g/100g
246	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Brix	AOAC 20 th Edn. 932.12,37.1.15: 2016	10 g/100g to 80 g/100g
247	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Fiehes Test (qualitative)	IS 4941 (Annex F-1): 2008	Qualitative(Present/Absent)



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248	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Moisture	IS 4941 (Annex B): 2008	0.2 g/100g to 40 g/100g
249	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Reducing Sugar	IS 4941 (Annex C-1): 2008	0.5 g/100g to 90 g/100g
250	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Sucrose	IS 4941(Annex C-2): 2008	0.5 g/100g to 10 g/100g
251	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams ,juices,fruit spreads,fruit fillings.,fruit preserves,juices,fruit chutneys,fruit concentrates	Moisture	AOAC 20th 920.151 (37.1.12): 2016	0.5 g/100g to 95 g/100g
252	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams,juices,fruit spreads,fruit fillings,fruit preserves,juices,fruit chutneys,fruit concentrates	Acid insoluble ash	AOAC 20th Edn 920.72 (31.2.06): 2016	0.01 g/100g to 5 g/100g
253	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams,juices,fruit spreads,fruit fillings,fruit preserves,juices,fruit chutneys,fruit concentrates	Acid insoluble ash	IS 3500 (Appendix E): 2013	0.01 g/100g to 5 g/100g
254	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams,juices,fruit spreads,fruit fillings,fruit preserves,juices,fruit chutneys,fruit concentrates	Acidity	IS 2860 (P-10): 2013	0.01 g/100g to 20 g/100g



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255	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams,juices,fruit spreads,fruit fillings,fruit preserves,juices,fruit chutneys,fruit concentrates	Ash	IS 3500 (Appendix D): 2013	0.1 g/100g to 15 g/100g
256	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams,juices,fruit spreads,fruit fillings,fruit preserves,juices,fruit chutneys,fruit concentrates	Ash	AOAC 20th Edn 940.26 (37.1.18): 2016	0.1 g/100g to 15 g/100g
257	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams,juices,fruit spreads,fruit fillings,fruit preserves,juices,fruit chutneys,fruit concentrates	Brix	AOAC 20th Edn.932.12 (37.1.15): 2016	0.5 g/100g to 80 g/100g
258	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams,juices,fruit spreads,fruit fillings,fruit preserves,juices,fruit chutneys,fruit concentrates	Brix	IS 13815: 2009	0.5 g/100g to 80 g/100g
259	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams,juices,fruit spreads,fruit fillings,fruit preserves,juices,fruit chutneys,fruit concentrates	Carbohydrate	IS 1656 (Annex C): 2012	0.5 g/100g to 85 g/100g
260	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams,juices,fruit spreads,fruit fillings,fruit preserves,juices,fruit chutneys,fruit concentrates	Energy value	NAFARI/SOP/101 ISSUE NO 1 JULY 13: 2017	10 kcal/100g to 950 kcal/100g



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261	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams,juices,fruit spreads,fruit fillings,fruit preserves,juices,fruit chutneys,fruit concentrates	Fat	IS 12711 (Sr.No.10): 2015	0.1 g/100g to 60 g/100g
262	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams,juices,fruit spreads,fruit fillings,fruit preserves,juices,fruit chutneys,fruit concentrates	Fatty acid profile (Sat.fat ,PUFA, MUFA, Trans fat)	AOAC 20th Edn.996.01 (32.2.02A): 2016	0.01 g/100g to 100 g/100g
263	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams,juices,fruit spreads,fruit fillings,fruit preserves,juices,fruit chutneys,fruit concentrates	Moisture	AOAC 20th 934.06 (37.1.10): 2016	0.5 g/100g to 95 g/100g
264	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams,juices,fruit spreads,fruit fillings,fruit preserves,juices,fruit chutneys,fruit concentrates	pH	IS 2860 (P-10): 2013	2 to 10
265	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams,juices,fruit spreads,fruit fillings,fruit preserves,juices,fruit chutneys,fruit concentrates	Protein	AOAC 20th Edn.920.152 (37.1.35): 2016	0.5 g/100g to 50 g/100g
266	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams,juices,fruit spreads,fruit fillings,fruit preserves,juices,fruit chutneys,fruit concentrates	Salt	IS 1797 (17): 2013	0.05 g/100g to 20 g/100g



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267	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams,juices,fruit spreads,fruit fillings,fruit preserves,juices,fruit chutneys,fruit concentrates	Sugar	AOAC 20th Edn.923.09 (44.1.15): 2016	0.5 g/100g to 80 g/100g
268	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams,juices,fruit spreads,fruit fillings,fruit preserves,juices,fruit chutneys,fruit concentrates	Total solids	AOAC 20th Edn 920 151 (37.1.12): 2016	5 g/100g to 99.5 g/100g
269	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams,juices,fruit spreads,fruit fillings,fruit preserves,juices,fruit chutneys,fruit concentrates	Total solids	AOAC 20th Edn.934.06 (37.1.10): 2016	5 g/100g to 99.5 g/100g
270	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams,juices,fruit spreads,fruit fillings,fruit preserves,juices,fruit chutneys,fruit concentrates	Vitamin C	IS 5838 (Sr.No.4): 2015	2 mg/100g to 200 mg/100g
271	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Acidity	IS 1165: 2013	0.1 g/100g to 5 g/100g
272	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Acidity	IS 4883: 2010	0.1 g/100g to 5 g/100g



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273	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Acidity	IS 1479 (P-II): 2013	0.1 g/100g to 5 g/100g
274	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Acidity	IS 3507: 2012	0.1 g/100g to 5 g/100g
275	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Acidity	IS 2802: 2011	0.1 g/100g to 5 g/100g
276	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Acidity	IS 1166: 2013	0.1 g/100g to 5 g/100g
277	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Acidity	IS 11765: 2012	0.1 g/100g to 5 g/100g
278	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Acidity	IS 3509: 2013	0.1 g/100g to 5 g/100g



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279	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Acidity	IS 11766: 2013	0.1 g/100g to 5 g/100g
280	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Added Neutralizer/Rosalic Acid	IS 1479(P-II): 2013	Qualitative(Present/Absent)
281	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Added Salt	FSSAI Manual Of Methods of Analysis og Foods - milk & milk products sr.no.1.2.8 Pg no.18 &19: 2016	Qualitative(Present/Absent)
282	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Added Starch	IS 1479 (P-I): 2013	Qualitative(Present/Absent)
283	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Added Sugar	IS 1479 (P-I): 2013	Qualitative(Present/Absent)
284	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Added Urea	FSSAI Manual of Methods of Analysis of foods - Milk & Milk Products(Sr. no.1.2.4.1 Pg no.13): 2016	Qualitative(Present/Absent)



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285	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Ash	IS 1165: 2013	0.1 g/100g to 5 g/100g
286	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Carbohydrates	IS 1656 (Annex C): 2012	0.5 g/100g to 90 g/100g
287	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Energy Value	NAFARI/SOP/101 ISSUE NO 1 JULY 13: 2017	10 kcal/100g to 950 kcal/100g
288	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Fatty Acid Profile (Sat.Fat,PUFA,MUFA, Trans Fat)	AOAC 20th Edn.963.22(41.1.29): 2016	0.01 g/100g to 100 g/100g
289	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Milk Fat	IS 2802: 2011	0.5 g/100g to 85 g/100g
290	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Milk Fat	IS 1224 (P-II): 2013	0.5 g/100g to 85 g/100g



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291	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Milk Fat	IS 12758: 2010	0.5 g/100g to 85 g/100g
292	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Milk Fat	IS 11721: 2013	0.5 g/100g to 85 g/100g
293	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Milk Protein	IS 1479 (P-II): 2013	0.5 g/100g to 80 g/100g
294	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Milk Protein	IS 7219: 2015	0.5 g/100g to 80 g/100g
295	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Moisture	Is 10484: 2010	1.5 g/100g to 80 g/100g
296	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Solid not fat	IS 10083: 2013	6 g/100g to 15 g/100g



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297	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Milk Fat	IS 3507: 2012	0.5 g/100g to 85 g/100g
298	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Milk Fat	IS 1224 (P-I,1): 2013	0.5 g/100g to 85 g/100g
299	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Moisture	IS 11623(7): 2013	1.5 g/100g to 80
300	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Moisture	IS 1479 (P-II): 2013	1.5 to 80
301	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Moisture	IS 2802: 2011	1.5 g/100g to 80 g/100g
302	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Moisture	IS 1166: 2013	1.5 g/100g to 80 g/100g



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303	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Moisture	IS 12333: 2012	1.5 g/100g to 80 g/100g
304	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Moisture	IS 16072: 2012	1.5 g/100g to 80 g/100g
305	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Moisture	IS 3507: 2012	1.5 g/100g to 80 g/100g
306	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Total Solids	IS 2802: 2011	0.5 g/100g to 95 g/100g
307	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Total Solids	IS 1166: 2013	0.5 g/100g to 95 g/100g
308	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer,Dried Milk,Ice Cream,Condensed Milk,Milk,Cream,Milk Powder,Butter,Buttermilk,Basundi,Rabadi	Total Solids	IS 10484: 2010	0.5 g/100g to 95 g/100g



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309	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	silver leaves	purity	IS 2113: 2012	10 g/100g to 100 g/100g
310	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks / Namkeens / Instant Mixes / Ready to cook Mixes	Carbohydrate	IS 2234 (table 1): 2010	0.5 g/100g to 80 g/100g
311	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks / Namkeens / Instant Mixes / Ready to cook Mixes	Carbohydrate	IS 1656 (annex C): 2012	0.5 g/100g to 80 g/100g
312	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks / Namkeens / Instant Mixes / Ready to cook Mixes	Energy Value	NAFARI/SOP/101 ISSUE NO 1 JULY 13: 2017	10 kcal/100g to 950 kcal/100g
313	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks / Namkeens / Instant Mixes / Ready to cook Mixes	Fat	IS 12220 (Appendix B): 2010	0.75 g/100g to 60 g/100g
314	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks / Namkeens / Instant Mixes / Ready to cook Mixes	Fatty Acid Profile (Sat.Fat, PUFA, MUFA, Trans Fat)	AOAC 20th Edn. 996.01(32.2.02A): 2016	0.01 g/100g to 100 g/100g
315	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks / Namkeens / Instant Mixes / Ready to cook Mixes	protein	IS 2234 (Appendix F): 2010	0.5 g/100g to 30 g/100g
316	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks / Namkeens / Instant Mixes / Ready to cook Mixes	protein	IS 7219: 2015	0.5 g/100g to 30 g/100g
317	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks / Namkeens / Instant Mixes / Ready to cook Mixes	Starch	IS 4706 (P-II,Sr.No.9): 2010	1 g/100g to 75 g/100g
318	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks / Namkeens / Instant Mixes / Ready to cook Mixes	Starch	FSSAI method for spices & condiments (Sr.No.16.9,16.5): 2016	1 g/100g to 75 g/100g



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319	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks / Namkeens / Instant Mixes / Ready to cook Mixes	Vitamin C	IS 5838 (4): 2015	2 mg/100g to 200 mg/100g
320	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks / Namkeens / Instant Mixes / Ready to cook/ Mixes	sugar	AOAC 20th Edn 923.09 (44.1.15): 2016	0.5 g/100g to 80 g/100g
321	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	snacks/namkeen/instant mixes/ready to cook/mixes	Ash	IS 2234 (Annex D): 2010	0.1 g/100g to 10 g/100g
322	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks/Namkeens/Instant Mixes/Ready To Cook Mixes)	Acid Insoluble Ash	IS 2234 (Annex E): 2010	0.02 g/100 g to 2 g/100 g
323	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks/Namkeens/Instant Mixes/Ready To Cook Mixes)	Acidity as (Citric Acid, Acetic Acid)	IS 2860 (Part 10): 2013	0.5 g/100 g to 20 g/100 g
324	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks/Namkeens/Instant Mixes/Ready To Cook Mixes)	Moisture	IS 2234 (Annex C): 2010	0.75 g/100 g to 40 g/100 g
325	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	sodium Benzoate	purity	IS 4447: 1999	10 g/100g to 100 g/100g
326	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar Syrup,Raw Sugar,Fine Sugar,sugar cane Juice,Hard Boiled Confectionery,Sugar	Acid Insoluble Ash	IS 6287 (7): 2010	0.02 g/100g to 2 g/100g
327	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar Syrup,Raw Sugar,Fine Sugar,sugar cane Juice,Hard Boiled Confectionery,Sugar	Ash	IS 6287 (7): 2010	0.2 g/100g to 10 g/100g



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328	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar Syrup,Raw Sugar,Fine Sugar,sugar cane Juice,Hard Boiled Confectionery,Sugar	Carbohydrate	IS 6287 (5): 2010	0.5 g/100g to 95 g/100g
329	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar Syrup,Raw Sugar,Fine Sugar,sugar cane Juice,Hard Boiled Confectionery,Sugar	Energy Value	NAFARI/SOP/101 ISSUE NO 1 JULY 13: 2017	10 kcal/100g to 950 kcal/100g
330	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar Syrup,Raw Sugar,Fine Sugar,sugar cane Juice,Hard Boiled Confectionery,Sugar	Fat	IS 6287 (10): 2010	0.1 g/100g to 60 g/100g
331	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar Syrup,Raw Sugar,Fine Sugar,Sugar cane juice,Hard Boiled Confectionery,Sugar	Fatty Acid Profile (Sat.Fat, PUFA, MUFA, Trans Fat.)	AOAC 20th Edn.996.01 (32.2.02.A): 2016	0.01 % to 100 %
332	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar Syrup,Raw Sugar,Fine Sugar,sugar cane Juice,Hard Boiled Confectionery,Sugar	Moisture	IS 6287 (5): 2010	0.02 g/100g to 80 g/100g
333	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar Syrup,Raw Sugar,Fine Sugar,sugar cane Juice,Hard Boiled Confectionery,Sugar	Protein	IS 6287 (11): 2010	0.05 g/100g to 50 g/100g



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334	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar Syrup,Raw Sugar,Fine Sugar,sugar cane Juice,Hard Boiled Confectionery,Sugar	Protein	IS 7219: 2015	0.05 g/100g to 50 g/100g
335	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar Syrup,Raw Sugar,Fine Sugar,sugar cane Juice,Hard Boiled Confectionery,Sugar	Sugar/Sucrose	AOAC 20th Edn.923.09 (44.1.15): 2016	0.5 g/100g to 95 g/100g
336	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Traditional Sweets & Sweetmeats	Ash	IS 4941 (Annex D): 2008	0.1 g/100g to 10 g/100g
337	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Traditional Sweets & Sweetmeats	Fat	IS 12220 (Appendix B): 2010	0.5 g/100g to 60 g/100g
338	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Traditional Sweets & Sweetmeats	Fatty Acid Profile	AOAC 20th Edn. 996.01(32.2.02 A): 2016	0.01 g/100g to 100 g/100g
339	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Traditional Sweets & Sweetmeats	Protein	IS 4079 (Appendix D): 2011	0.5 g/100g to 35 g/100g
340	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Traditional Sweets & Sweetmeats	Sugar	AOAC 20th Edn. 923.09,44.1.15 : 2016	5 g/100g to 85 g/100g
341	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Traditional Sweets and Sweetmeats	Acid Insoluble Ash	IS 6287 (7): 2010	0.01 g/100g to 5 g/100g
342	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Traditional Sweets and Sweetmeats	Carbohydrate	IS 1656 (Annex C): 2012	5 g/100g to 90 g/100g



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343	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Traditional Sweets and Sweetmeats	Energy Value	IS 1350 (P-II): 2010	10 kcal/100g to 950 kcal/100g
344	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Traditional Sweets and Sweetmeats	Protein	IS 7219: 2015	0.5 g/100g to 35 g/100g
345	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Untreated & Fresh Fruit/Frozen/Canned Fruits/Fruit Pulps	Vitamin C	IS 5838 (Part 4): 2015	2 mg/100g to 200 mg/100g
346	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Untreated & Fresh Fruits/ Frozen/Canned Fruits/Fruit Pulps	Total Solids	AOAC 20 th Edn. 920.151 37.1.12: 2016	1 g/100g to 80 g/100g
347	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Untreated & Fresh Fruits/Frozen/Canned Fruits/ Fruit Pulps	Added Starch	AOAC 20th Edn.925.38 (37.1.54): 2016	Qualitative(Present/Absent)
348	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Untreated & Fresh Fruits/Frozen/Canned Fruits/Fruit Pulps	Acid Insoluble Ash	AOAC 20th Edn. 920.72(31.2.06): 2016	0.02 g/100g to 2 g/100g
349	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Untreated & Fresh Fruits/Frozen/Canned Fruits/Fruit Pulps	Acid Insoluble Ash	IS 13846: 2013	0.02 g/100g to 2 g/100g
350	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Untreated & Fresh Fruits/Frozen/Canned Fruits/Fruit Pulps	Acidity of Cut-out Syrup	IS 2860 (10): 2013	0.5 g/100g to 20 g/100g
351	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Untreated & Fresh Fruits/Frozen/Canned Fruits/Fruit pulps	Ash	AOAC 20th Edn. 940.26(37.1.18): 2016	0.1 g/100g to 10 g/100g
352	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Untreated & Fresh Fruits/Frozen/Canned Fruits/Fruit Pulps	Brix	IS 13815: 2015	0.5 g/100g to 80 g/100g



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353	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Untreated & Fresh Fruits/Frozen/Canned Fruits/Fruit Pulps	Brix	AOAC 20th Edn. 932.12 (37.1.15): 2016	0.5 g/100g to 80 g/100g
354	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Untreated & Fresh Fruits/Frozen/Canned Fruits/Fruit Pulps	Carbohydrates	IS 1656 (Annex C): 2012	0.5 g/100g to 90 g/100g
355	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Untreated & Fresh Fruits/Frozen/Canned Fruits/Fruit Pulps	Drain Weight	FSSAI Manual Of Methods Of analysis of Food- Fruits and Vegetable products sr.no. 1.4: 2016	10 g/100g to 100 g/100g
356	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Untreated & Fresh Fruits/Frozen/Canned Fruits/Fruit Pulps	Energy Value	NAFARI/SOP/101 ISSUE NO 1 JULY 13: 2017	10 kcal/100g to 950 kcal/100g
357	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Untreated & Fresh Fruits/Frozen/Canned Fruits/Fruit Pulps	Moisture	AOAC 20th Edn. 920.151 (37.1.12): 2016	0.1 g/100g to 98 g/100g
358	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Untreated & Fresh Fruits/Frozen/Canned Fruits/Fruit Pulps	Moisture	AOAC 20th Edn.934.06 (37.1.10): 2016	0.1 g/100g to 98 g/100g
359	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Untreated & Fresh Fruits/Frozen/Canned Fruits/Fruit Pulps	pH	IS 2860 (P-10): 2013	2 to 10
360	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Untreated & Fresh Fruits/Frozen/Canned Fruits/Fruit Pulps	Protein	AOAC 20th Edn.920.152 (37.1.35): 2016	0.5 g/100g to 50 g/100g
361	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Untreated & Fresh Fruits/Frozen/Canned Fruits/Fruit Pulps	Starch	IS 4706 (P-2): 2015	1 g/100 to 75 g/100



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362	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Untreated & Fresh Fruits/Frozen/Canned Fruits/Fruit Pulps	Sugar	AOAC 20th Edn. 923.09 (44.1.15): 2016	0.5 g/100g to 80 g/100g
363	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Untreated & Fresh Fruits/Frozen/Canned Fruits/Fruit Pulps	Total Filling Capacity	FSSAI Manual Of methods of Analysis of foods- Fruits & Vegetable Products Sr. No. 1.3: 2016	25 ml to 1000 ml
364	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Untreated & Fresh Fruits/Frozen/Canned Fruits/Fruit Pulps	Total Solids	AOAC 20th Edn.920.151 (37.1.12): 2016	1 g/100g to 80 g/100g
365	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	vegetable oils & fats	Acid value	IS 548 (P-I ,7.3): 2011	0.01 to 30
366	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils & fats	Butyrefractometer Reading at 40 OC	IS 548 (P-I ,10.4): 2011	30 to 80
367	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils & fats	Energy value	NAFARI/SOP/101 ISSUE NO 1 JULY 13: 2017	10 kcal/100g to 950 kcal/100g
368	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils & fats	Fatty acid profile (Sat.Fat , PUFA , MUFA , Trans fat)	AOAC 20th Edn 963.22 (41.1.29): 2016	0.01 g/100g to 100 g/100g
369	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils & fats	Free fatty acids	IS 548 (P-I ,7.3.1): 2011	0.01 to 30
370	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils & fats	Iodine value	IS 548 (P-I ,14): 2011	5 to 200



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371	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	vegetable oils & fats	Moisture	IS 548 (P-I , 5.1): 2011	0.01 g/100g to 10 g/100g
372	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils & fats	Peroxide value	IS 548 (P-I ,20): 2011	0.1 to 50
373	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils & fats	Presence of Castor oil	IS 548 (P-2 ,Sr.No.15): 2011	Qualitative
374	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils & fats	Presence of Cottonseed oil (Halphen test)	IS 548 (P-2 ,Sr.No.7): 2011	Qualitative
375	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils & fats	Presence of Karaja (Pungam) oil	IS 548 (P-2 ,Sr.No.9): 2011	Qualitative
376	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils & fats	Presence of mineral oil (Holde test)	IS 548 (P-2 ,Sr.No.12): 2011	Qualitative
377	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils & fats	Presence of Sesame oil (Baudouin test)	IS 548 (P-2 ,Sr.No.6): 2011	Qualitative
378	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils & fats	Refractive index at 40 0C	IS 548 (P-I , 10): 2011	1.4 to 1.5
379	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils & fats	Reichert Meissl value	IS 548 (P-I , 18): 2011	5.0 to 40
380	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils & fats	Saponification value	IS 548 (P-I , 15): 2011	50 to 300



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381	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils & fats	Unsaponifiable matter	IS 548 (P-I ,8): 2011	0.1 g/100g to 5 g/100g
382	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	whole/ground spices and spice mixes	Acid insoluble ash	IS 1797(8): 2013	0.01 g/100g to 10 g/100g
383	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole/ground spices and spice mixes	Alcohol soluble extract	IS 1797 (10): 2013	0.5 g/100g to 20 g/100g
384	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole/ground spices and spice mixes	Ash	IS 1797 (6): 2013	0.1 g/100g to 20 g/100g
385	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole/ground spices and spice mixes	Carbohydrate	IS 1656 (Annex C): 2012	5 g/100g to 90 g/100g
386	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole/ground spices and spice mixes	Crude fibre	IS 1797 (13): 2013	0.1 g/100g to 60 g/100g
387	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole/ground spices and spice mixes	Energy value	NAFARI/SOP/101 ISSUE NO 1 JULY 13: 2017	10 kcal/100g to 950 kcal/100g
388	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole/ground spices and spice mixes	Extraneous matter	IS 1797 (4): 2013	0.1 g/100g to 20 g/100g
389	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole/ground spices and spice mixes	Fatty acid profile (Sat.fat, PUFA, MUFA, Trans fat)	AOAC 20th Edn 996.01 (32.2.02A) : 2016	0.01 g/100g to 100 g/100g



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390	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole/ground spices and spice mixes	Foreign Resin	Fssai Manual of Methods of analysis of food- Spices and Condiments Sr.no.17.4.3: 2016	Qualitative
391	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole/ground spices and spice mixes	Foreign Resin	IS 7807: 2013	Qualitative
392	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole/ground spices and spice mixes	Galbanum Resin	IS 7807: 2013	Qualitative
393	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole/ground spices and spice mixes	Galbanum Resin	FSSAI manual Of methods of analysis of food- Spices and condiments Sr.No.17.4.1: 2016	Qualitative
394	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole/ground spices and spice mixes	Lead chromate	FSSAI Manual of methods of analysis of food- Spices and condiments Sr. No.16.6: 2017	Qualitative
395	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole/ground spices and spice mixes	Moisture	IS 1797 (9): 2013	0.4 g/100g to 15 g/100g
396	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole/ground spices and spice mixes	Non volatile ether extract	IS 1797 (14): 2013	0.5 g/100g to 30 g/100g
397	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole/ground spices and spice mixes	Protein	IS 2234 (Annex F): 2010	0.5 g/100g to 50 g/100g



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398	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole/ground spices and spice mixes	Salt	IS 1797 (16): 2013	0.05 g/100g to 20 g/100g
399	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole/ground spices and spice mixes	Starch	FSSAI Manual Of Methods of analysis of food - Spices and Condiments Sr.No. 16.5: 2016	1 g/100g to 75 g/100g
400	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole/ground spices and spice mixes	Starch	IS 4706 (P-II ,9): 2010	1 g/100g to 75 g/100g
401	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole/ground spices and spice mixes	Vitamin C	IS 5838 (Sr.No.4): 2015	2 mg/100g to 200 mg/100g
402	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole/ground spices and spice mixes	Volatile oil	IS 1797 (15): 2013	0.4 ml/100g to 20 ml/100g
403	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	whole/ground spices and spice mixes	water insoluble ash	IS 1797 (7): 2013	0.05 g/100g to 5 g/100g
404	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	whole/ground spices and spice mixes	water soluble ash	IS 1797 (8): 2013	0.01 g/100g to 5 g/100g
405	CHEMICAL- WATER	Drinking water	Acidity	IS 3025 (P-22)Indicator Method: 2009	0.5 mg/L to 1000 mg/L
406	CHEMICAL- WATER	Drinking water	Alkalinity	IS 3025(P-23)Indicator Method: 2009	10 mg/L to 1000 mg/L
407	CHEMICAL- WATER	Drinking water	Chloride	IS 3025 (P-32)Argentometric Method: 2009	0.5 mg/L to 1000 mg/L



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408	CHEMICAL- WATER	Drinking water	Fluoride	APHA 22nd Edn.4500F-D: 2012	0.1 mg/L to 1 mg/L
409	CHEMICAL- WATER	Drinking water	Hardness	APHA 22nd Edn.2340 C page 2-44 to 2-47: 2012	5 mg/L to 1000 mg/L
410	CHEMICAL- WATER	Drinking water	Nitrate as NO3	APHA 22nd Edn. 4500 NO3 -B: 2012	1 mg/L to 45 mg/L
411	CHEMICAL- WATER	Drinking water	pH at 25 degree celsius	IS 3025 (P-11)Electronic Method: 2012	2 to 10
412	CHEMICAL- WATER	Drinking water	Residual Free Chlorine	IS 3025 (P-26)Iodometric Method: 2009	0.2 mg/L to 4 mg/L
413	CHEMICAL- WATER	Drinking water	Sulphate as so4	APHA 22nd Edn.4500 SO4- E: 2012	1 mg/L to 200 mg/L
414	CHEMICAL- WATER	Drinking water	Total Dissolved Solids	IS 3025(P-16): 2009	5 mg/L to 5000 mg/L
415	CHEMICAL- WATER	Drinking water	Total Solids	IS 3025 (P-15): 2009	5 mg/L to 5000 mg/L
416	CHEMICAL- WATER	Drinking water	Total Suspended Solids	IS 3025(P-17): 2006	5 mg/L to 5000 mg/L
417	CHEMICAL- WATER	Drinking water	Turbidity	IS 3025(P-10): 2006	1 NTU to 500 NTU
418	CHEMICAL- WATER	Ground Water	Acidity	IS 3025(P-22) Indicator Method: 2009	0.1 mg/L to 1000 mg/L
419	CHEMICAL- WATER	Ground Water	Alkalinity	IS 3025(P-23)Indicator Method: 2009	10 mg/L to 1000 mg/L
420	CHEMICAL- WATER	Ground Water	Chloride	IS 3025 (P-32) Argentometric Method: 2009	0.1 mg/L to 1000 mg/L



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421	CHEMICAL- WATER	Ground Water	Fluoride	APHA 22nd Edn. 4500 F-D,pg 4-87 to 4-88: 2012	0.1 mg/L to 1.0 mg/L
422	CHEMICAL- WATER	Ground Water	Hardness	APHA 22nd.Edn.2340C Page 2-44 to 2-47: 2012	5 mg/L to 1000 mg/L
423	CHEMICAL- WATER	Ground Water	Nitrate as NO ₃ -	APHA 22 nd Edn.4500 NO ₃ -B,pg 4-122 to 4-123: 2012	1 mg/L to 45 mg/L
424	CHEMICAL- WATER	Ground Water	pH at 25 degree Celcius	IS 3025 (P-11)Electrometric Method: 2012	2 to 10
425	CHEMICAL- WATER	Ground Water	Residual Free Chlorine	IS 3025 (P-26) Iodometric Method: 2009	0.2 mg/L to 4 mg/L
426	CHEMICAL- WATER	Ground Water	Sulphate as SO ₄	APHA 22nd Edn.4500 SO ₄ -- E,Pg.4-190 to 4-191: 2012	1 mg/L to 200 mg/L
427	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	IS 3025(P-16): 2009	5 mg/L to 5000 mg/L
428	CHEMICAL- WATER	Ground Water	Total Solids	IS 3025(P-15): 2009	5 mg/L to 5000 mg/L
429	CHEMICAL- WATER	Ground Water	Total Suspended Solids	IS 3025(P-17): 2006	5 mg/L to 5000 mg/L
430	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025 (P-10): 2006	1 NTU to 500 NTU
431	CHEMICAL- WATER	Industrial Water	Acidity	IS:3025 (P-22) Indicator Method: 2009	0.1 mg/L to 1000 mg/L
432	CHEMICAL- WATER	Industrial Water	Alkalinity	IS:3025(P-23) Indicator Method: 2009	10 mg/L to 1000 mg/L



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433	CHEMICAL- WATER	Industrial Water	Chloride	IS:3025(P-32) Argentometric Method,Pg 1-2: 2009	0.1 to 1000
434	CHEMICAL- WATER	Industrial Water	Fluoride	APHA 22nd Edn. 4500 F- D,Pg 4-87 to 4-88: 2012	0.1 mg/L to 1.0 mg/L
435	CHEMICAL- WATER	Industrial Water	Hardness	APHA 22nd Edn.2340 C page 2-44 to 2-47: 2012	5 mg/L to 1000 mg/L
436	CHEMICAL- WATER	Industrial Water	Nitrate as NO ₃ -	APHA 22nd Edn. 4500 NO ₃ - B, Pg 4-122 to 4-123: 2012	1 mg/L to 45 mg/L
437	CHEMICAL- WATER	Industrial Water	pH at 25 degree celcius	IS:3025(P-11) Electrometric Method: 2012	2 to 10
438	CHEMICAL- WATER	Industrial Water	Residual Free Chloride	IS:3025(P-26) Iodometric Method: 2009	0.2 mg/L to 4 mg/L
439	CHEMICAL- WATER	Industrial Water	Sulphate as SO ₄	APHA 22nd Edn.4500 SO ₄ -- E, Pg 4-190 to 4-191: 2012	1 mg/L to 200 mg/L
440	CHEMICAL- WATER	Industrial Water	Total Dissolved Solids	IS:3025(P-16): 2009	5 mg/L to 5000 mg/L
441	CHEMICAL- WATER	Industrial Water	Total Solids	IS:3025(P-15): 2009	5 mg/L to 5000 mg/L
442	CHEMICAL- WATER	Industrial Water	Total Suspended Solids	IS:3025(P-17): 2006	5 mg/L to 5000 mg/L
443	CHEMICAL- WATER	Industrial Water	Turbidity	IS:3025(Part 10): 2006	1 NTU to 500 NTU
444	CHEMICAL- WATER	Surface Water	Acidity	IS 3025 (P-22) IndicatorMethod: 2009	0.1 mg/L to 1000 mg/L



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445	CHEMICAL- WATER	Surface Water	Alkalinity	IS 3025 (P-23) Indicator Method: 2009	10 mg/L to 1000 mg/L
446	CHEMICAL- WATER	Surface Water	Chloride	IS 3025 (P-32) Argentometric Method: 2009	0.1 mg/L to 1000 mg/L
447	CHEMICAL- WATER	Surface Water	Fluoride	APHA 22nd Edn.4500 F- D, Pg. 4-87 to 4-88.: 2012	0.1 mg/L to 1.0 mg/L
448	CHEMICAL- WATER	Surface Water	Hardness	APHA 22nd Edn. 2340C: 2012	5 mg/L to 1000 mg/L
449	CHEMICAL- WATER	Surface Water	Nitrate as NO3	APHA 22nd Edn. 4500 NO3-B, Pg. 4-122 to 4-123: 2012	1 mg/L to 45 mg/L
450	CHEMICAL- WATER	Surface Water	pH at 25 degree celsius	IS 3025 (P-11) Electrometric Method: 2012	2 to 10
451	CHEMICAL- WATER	Surface Water	Residual Free Chlorine	IS 3025 (P-26): 2009	0.2 mg/L to 4 mg/L
452	CHEMICAL- WATER	Surface Water	Sulphate as SO4	APHA 22 nd Edn.,4500 SO4-- E, Pg.4-190 to 4-191: 2012	1 to 200
453	CHEMICAL- WATER	Surface Water	Total Dissolve Solids	IS 3025 (P-16): 2009	5 mg/L to 5000 mg/L
454	CHEMICAL- WATER	Surface Water	Total solids	IS 3025 (P-15): 2009	5 mg/L to 5000 mg/L
455	CHEMICAL- WATER	Surface Water	Total Suspended Solids	IS 3025 (P-17): 2006	5 mg/L to 5000 mg/L
456	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025 (P-10): 2006	1 NTU to 500 NTU