



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name MONARCH NUCLEAR COUNTING LABORATORY (A UNIT OF MONARCH BIOTECH PVT LTD), 37- A SIDCO INDUSTRIAL ESTATE, THIRUMAZHISAI, CHENNAI, TAMIL NADU , INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6206 Page No. : 1 / 215

Validity 13/06/2019 to 12/06/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
<b>Permanent Facility</b>					
1	BIOLOGICAL- ANIMAL FOOD & FEED	Animal Feeds	Bacillus cereus	USFDA-BAM Chapter 14: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
2	BIOLOGICAL- ANIMAL FOOD & FEED	Animal Feeds	Bacillus cereus	IS 5887 (Part 6): 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
3	BIOLOGICAL- ANIMAL FOOD & FEED	Animal Feeds	Coliform	IS 5401 (Part 2) : 2012	Qualitative(Present/ Absent per 1 g or 1 ml )
4	BIOLOGICAL- ANIMAL FOOD & FEED	Animal Feeds	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
5	BIOLOGICAL- ANIMAL FOOD & FEED	Animal Feeds	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100MPN/g or ml
6	BIOLOGICAL- ANIMAL FOOD & FEED	Animal Feeds	Coliform	IS 5401 (Part 2) : 2012	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
7	BIOLOGICAL- ANIMAL FOOD & FEED	Animal Feeds	Coliform	IS 5401 (Part 1) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
8	BIOLOGICAL- ANIMAL FOOD & FEED	Animal Feeds	Enterobacteriaceae	APHA 5th edition Chapter 08: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml



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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
<b>Permanent Facility</b>					
9	BIOLOGICAL- ANIMAL FOOD & FEED	Animal Feeds	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml, greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
10	BIOLOGICAL- ANIMAL FOOD & FEED	Animal Feeds	Escherichia coli	IS 5887( part 1): 1976	Qualitative(Present/Absent per 1 g or 1 ml)
11	BIOLOGICAL- ANIMAL FOOD & FEED	Animal Feeds	Escherichia coli	IS 5887 (Part 1) : 1976	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
12	BIOLOGICAL- ANIMAL FOOD & FEED	Animal Feeds	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
13	BIOLOGICAL- ANIMAL FOOD & FEED	Animal Feeds	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
14	BIOLOGICAL- ANIMAL FOOD & FEED	Animal Feeds	Listeria monocytogenes	USFDA-BAM Chapter 10: 2016	Qualitative(Present/Absent per 25 g or 25 ml)
15	BIOLOGICAL- ANIMAL FOOD & FEED	Animal Feeds	Listeria monocytogenes	IS 14988 (Part 1): 2001	Qualitative(Present/Absent per 25 g or 25 ml)
16	BIOLOGICAL- ANIMAL FOOD & FEED	Animal Feeds	Salmonella	IS 5887 (Part 3): 1999	Qualitative(Present/Absent per 25 g or 25 ml)



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<b>Permanent Facility</b>					
17	BIOLOGICAL- ANIMAL FOOD & FEED	Animal Feeds	Salmonella	USFDA-BAM Chapter 5: 2018	Qualitative(Present/ Absent per 25 g or 25 ml)
18	BIOLOGICAL- ANIMAL FOOD & FEED	Animal Feeds	Staphylococcus aureus (Coagulase Positive)	USFDA-BAM Chapter 12: 2016	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
19	BIOLOGICAL- ANIMAL FOOD & FEED	Animal Feeds	Staphylococcus aureus (Coagulase Positive)	IS 5887 (Part 8/Sec 1): 2002	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
20	BIOLOGICAL- ANIMAL FOOD & FEED	Animal Feeds	Total Bacterial count	USFDA-BAM Chapter 3: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
21	BIOLOGICAL- ANIMAL FOOD & FEED	Animal Feeds	Total Bacterial count	IS 5402: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
22	BIOLOGICAL- ANIMAL FOOD & FEED	Animal Feeds	Yeast & Mould	IS 5403: 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
23	BIOLOGICAL- ANIMAL FOOD & FEED	Animal Feeds	Yeast & Mould	USFDA-BAM Chapter 18: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
24	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Bacillus cereus	USFDA-BAM Chapter 14: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
25	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Bacillus cereus	IS 5887 (Part 6) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml



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<b>Permanent Facility</b>					
26	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Clostridium perfringens	IS 5887 (Part 4): 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
27	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Clostridium perfringens	USFDA-BAM Chapter 16: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
28	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Coliform	IS 5401 (Part 1) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
29	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
30	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
31	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
32	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Staphylococcus aureus(Coagulase Positive)	USFDA-BAM Chapter 12: 2016	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
33	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Staphylococcus aureus(Coagulase Positive)	IS 5887 (Part 8/Sec 1): 2002	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
34	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Total Bacterial count	IS 5402: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml



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<b>Permanent Facility</b>					
35	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Total Bacterial count	USFDA-BAM Chapter 3: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
36	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Yeast & Mould	USFDA-BAM Chapter 18: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
37	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Yeast & Mould	IS 5403: 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
38	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Bacillus cereus	USFDA-BAM Chapter 14: 2018	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
39	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Bacillus cereus	IS 5887 (Part 6) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
40	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Clostridium perfringens	IS 5887 (Part 4): 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
41	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Clostridium perfringens	IS 5887 (Part 4) : 1999	Qualitative(Present/ Absent per 1 gor 1 ml)
42	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Clostridium perfringens	USFDA-BAM Chapter 16: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
43	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml





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<b>Permanent Facility</b>					
44	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
45	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Coliform	IS 5401 (Part 2) : 2012	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
46	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Coliform	IS 5401 (Part 1) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
47	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Coliform	IS 5401 (Part 2) : 2012	Qualitative(Present/Absent per 1 g or 1 ml)
48	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Enterobacteriaceae	APHA 5th Edition Chapter 08: 2015	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
49	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
50	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
51	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery products	Escherichia coli	IS 5887 (Part-1): 1976	Qualitative(greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml)
52	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml



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<b>Permanent Facility</b>					
53	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Escherichia coli	IS 5887 (Part 1) : 1976	Qualitative(Present/ Absent per 1 gor 1 ml)
54	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
55	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Flat Sour Spores	APHA 5th Edition Chapter 26: 2015	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
56	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Lactic Acid Bacteria	APHA 5th edition Chapter 47: 2015	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
57	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Listeria monocytogenes	USFDA-BAM Chapter 10: 2017	Qualitative(Present/ Absent per 25 gor 25 ml)
58	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Listeria monocytogenes	IS 14988 (Part 1): 2001	Qualitative(Present/ Absent per 25 gor 25 ml)
59	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Salmonella	IS 5887 (Part 3): 1999	Present/ Absent per 25 gor 25 ml
60	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Salmonella	USFDA-BAM Chapter 5: 2018	Present/Absent per 25 gor 25 ml
61	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Shigella	IS 5887 (Part 7): 1999	Qualitative(Present/Absent per 25 gor 25 ml)



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<b>Permanent Facility</b>					
62	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Shigella	USFDA-BAM Chapter 6: 2017	Qualitative(Present/ Absent per 25 gor 25 ml)
63	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Staphylococcus aureus (Coagulase Positive)	IS 5887 (Part 8/Sec 1): 2002	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
64	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Staphylococcus aureus (Coagulase Positive)	USFDA-BAM Chapter 12: 2018	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
65	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Total Bacterial count	IS 5402: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
66	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Total Bacterial count	USFDA-BAM Chapter 3: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
67	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Yeast & Mould	IS 5403: 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
68	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Yeast & Mould	USFDA-BAM Chapter 18: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
69	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Bacillus cereus	IS 5887 (Part 6) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
70	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Bacillus cereus	USFDA-BAM Chapter 14: 2018	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml





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<b>Permanent Facility</b>					
71	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Clostridium perfringens	IS 5887 (Part 4): 1999	Qualitative(Present/Absent per 1 g or 1 ml)
72	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Clostridium perfringens	IS 5887 (Part 4): 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
73	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Clostridium perfringens	USFDA-BAM Chapter 16: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
74	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
75	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Coliform	IS 5401 (Part 1) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
76	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
77	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Coliform	IS 5401 (Part 2) : 2012	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
78	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Coliform	IS 5401 (Part 2) : 2012	Present/ Absent per 1 g or 1 ml
79	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Enterobacteriaceae	APHA 4th edition Chapter 08: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml



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<b>Permanent Facility</b>					
80	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
81	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
82	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Escherichia coli	IS 5887 (Part 1): 1976	Qualitative(Present/Absent per 1 g or 1 ml)
83	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
84	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
85	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Flat Sour Spores	APHA 5th edition Chapter 26: 2015	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
86	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Listeria monocytogenes	IS 14988 (Part 1): 2001	Qualitative(Present/Absent per 25 g or 25 ml)
87	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Listeria monocytogenes	USFDA-BAM Chapter 10: 2017	Qualitative(Present/Absent per 25 g or 25 ml)
88	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Salmonella	USFDA-BAM Chapter 5: 2018	Qualitative(Present/Absent per 25 g or 25 ml)



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<b>Permanent Facility</b>					
89	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Salmonella	IS 5887 (Part 3): 1999	Qualitative(Present/Absent per 25 g or 25 ml)
90	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Shigella	USFDA-BAM Chapter 6: 2017	Qualitative(Present/Absent per 25 g or 25 ml)
91	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Shigella	IS 5887 (Part 7): 1999	Qualitative(Present/Absent per 25 g or 25 ml)
92	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Staphylococcus aureus(Coagulase Positive)	USFDA-BAM Chapter 12: 2018	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
93	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Staphylococcus aureus(Coagulase Positive)	IS 5887 (Part 8/Sec 1): 2002	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
94	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Total Bacterial count	IS 5402: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
95	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Total Bacterial count	USFDA-BAM Chapter 3: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
96	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Vibrio cholerae	IS 5887 (Part 5): 1976	Qualitative(Present/Absent per 25 g or 25 ml)
97	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Vibrio cholerae	USFDA-BAM Chapter 9: 2004	Qualitative(Present/Absent per 25 g or 25 ml)



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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
<b>Permanent Facility</b>					
98	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Vibrio parahaemolyticus	USFDA-BAM Chapter 9: 2004	Qualitative(Present/Absent per 25 g or 25 ml)
99	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Vibrio parahaemolyticus	IS 5887 (Part 5) : 1976	Qualitative(Present/Absent per 25 g or 25 ml)
100	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Yeast & Mould	USFDA-BAM Chapter 18: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
101	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Yeast & Mould	IS 5403: 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
102	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Bacillus cereus	IS 5887 (Part 6): 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
103	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Bacillus cereus	USFDA-BAM Chapter 14: 2018	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
104	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Clostridium perfringens	USFDA-BAM Chapter 16: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
105	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Clostridium perfringens	IS 5887 (Part 4): 1999	Qualitative(Present/ Absent per 1 g or 1 ml)
106	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Clostridium perfringens	IS 5887 (Part 4): 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml



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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
<b>Permanent Facility</b>					
107	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Coliform	IS 5401 (Part 1) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
108	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
109	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Coliform	IS 5401 (Part 2) : 2012	Qualitative(Present/Absent/1 g or 1 ml)
110	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Coliform	IS 5401 (Part 2) : 2012	greater than or equal to 0.3 to less than or equal to 110 MPN/g/ml
111	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
112	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 0.3 to less than or equal to 110 MPN/g/ml
113	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
114	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Escherichia coli	IS 5887 (Part 1): 1976	Qualitative(Present/Absent per 1 g or 1 ml)





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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
<b>Permanent Facility</b>					
115	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Escherichia coli	IS 5887 (Part 1) : 1976	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
116	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
117	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Flat Sour Spores	APHA 5th edition Chapter 26: 2015	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
118	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Incubation test @ 37°C	IS 2860: 1964	Qualitative(Passes/Fail )
119	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Incubation test @55°C	IS 2860: 1964	Qualitative(Passes/Fail )
120	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Listeria monocytogenes	USFDA-BAM Chapter 10: 2017	Qualitative(Present/Absent/25 g or 25 ml)
121	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Listeria monocytogenes	IS 14988 (Part 1): 2001	Qualitative(Present/Absent per 25 g or 25 ml)
122	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Salmonella	USFDA-BAM Chapter 5: 2018	Qualitative(Present/Absent/25 g or 25 ml)
123	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Salmonella	IS 5887 (Part 3): 1999	Qualitative(Present/Absent per 25 g or 25 ml)



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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
<b>Permanent Facility</b>					
124	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Shigella	IS 5887 (Part 7): 1999	Qualitative(Present/Absent per 25 g or 25 ml)
125	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Shigella	USFDA-BAM Chapter 6: 2017	Qualitative(Present/Absent per 25 g or 25 ml)
126	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Staphylococcus aureus(Coagulase Positive)	IS 5887 (Part 8/Sec 1): 2002	greater than or equal to10 cfu/g or greater thanor equal to 1 cfu/ml
127	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Staphylococcus aureus (Coagulase Positive)	USFDA-BAM Chapter 12: 2018	greater than or equal to10 cfu/g or greater thanor equal to 1 cfu/ml
128	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Total Bacterial count	IS 5402: 2012	greater than or equal to10 cfu/g or greater thanor equal to 1 cfu/ml
129	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Total Bacterial count	USFDA-BAM Chapter 3: 2001	greater than or equal to10 cfu/g or greater thanor equal to 1 cfu/ml
130	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Yeast & Mould	IS 5403: 1999	greater than or equal to10 cfu/g or greater thanor equal to 1 cfu/ml
131	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed foods	Yeast & Mould	USFDA-BAM Chapter 18: 2001	greater than or equal to10 cfu/g or greater thanor equal to 1 cfu/ml
132	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Bacillus cereus	IS 5887 (Part 6) : 2012	greater than or equal to10 cfu/g or greater thanor equal to 1 cfu/ml



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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
<b>Permanent Facility</b>					
133	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Bacillus cereus	USFDA-BAM Chapter 14: 2018	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
134	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Clostridium perfringens	IS 5887 (Part 4): 1999	less than or equal to 10 cfu/g or less than or equal to 1 cfu/ml
135	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Clostridium perfringens	IS 5887 (Part 4): 1999	Qualitative(Present/ Absent per 1 g or 1 ml)
136	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Clostridium perfringens	USFDA-BAM Chapter 16: 2001	less than or equal to 10 cfu/g or less than or equal to 1 cfu/ml
137	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Coliform	IS 5401 (Part 2) : 2012	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
138	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
139	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Coliform	IS 5401 (Part 2) : 2012	Qualitative(Present/ Absent per 1 g or 1 ml)
140	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
141	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Coliform	IS 5401 (Part 1) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml



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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
<b>Permanent Facility</b>					
142	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Enterobacteriaceae	APHA 5th edition Chapter 09: 2015	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
143	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Escherichia coli	IS 5887 (Part 1): 1976	Qualitative(Present/ Absent per 1 g or 1 ml)
144	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
145	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
146	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
147	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Escherichia coli	IS 5887 (Part 1) : 1976	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
148	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Flat Sour Spores	APHA 5th edition Chapter 26: 2015	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
149	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Listeria monocytogenes	USFDA – BAM Chapter 10: 2018	Qualitative(Present/Absent per 25 g or 25 ml)
150	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Listeria monocytogenes	IS 14988 (Part 1) : 2001	Qualitative(Present/Absent per 25 g or 25 ml)



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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
<b>Permanent Facility</b>					
151	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Salmonella	IS 5887 (Part 3): 1999	Qualitative(Present/Absent per 25 g or 25 ml)
152	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Salmonella	USFDA-BAM Chapter 5: 2018	Qualitative(Present/Absent per 25 g or 25 ml)
153	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Shigella	IS 5887(Part 7): 1999	Qualitative(Present/Absent per 25 g or 25 ml)
154	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Shigella	USFDA-BAM Chapter 6: 2018	Qualitative(Present/Absent per 25 g or 25 ml)
155	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Staphylococcus aureus(Coagulase Positive)	IS 5887 (Part 8/Sec 1): 2002	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
156	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Staphylococcus aureus(Coagulase Positive)	USFDA-BAM Chapter 12: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
157	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Total Bacterial count	IS 5402: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
158	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Total Bacterial count	USFDA-BAM Chapter 3: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
159	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Vibrio cholerae	IS 5887 (Part 5): 1976	Qualitative(Present/Absent per 25 g or 25 ml)





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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
<b>Permanent Facility</b>					
160	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Vibrio cholerae	USFDA-BAM Chapter 9: 2004	Qualitative(Present/Absent per 25 g or 25 ml)
161	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Vibrio parahaemolyticus	USFDA-BAM Chapter 9: 2004	Qualitative(Present/Absent per 25 g or 25 ml)
162	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Vibrio parahaemolyticus	IS 5887 (Part 5): 1976	Qualitative(Present/Absent per 25 g or 25 ml)
163	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Yeast & Mould	USFDA-BAM Chapter 18: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
164	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Yeast & Mould	IS 5403: 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
165	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Bacillus cereus	USFDA-BAM Chapter 14: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
166	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Bacillus cereus	IS 5887 (Part 6) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
167	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Clostridium perfringens	IS 5887 (Part 4): 1999	Qualitative(Present/Absent per 1 g or 1 ml)
168	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Clostridium perfringens	USFDA-BAM Chapter 16: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml



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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
<b>Permanent Facility</b>					
169	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Clostridium perfringens	IS 5887 (Part 4) : 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
170	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Coliform	IS 5401 (Part 2) : 2012	Qualitative(Present/ Absent per 1 gor 1 ml)
171	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Coliform	IS 5401 (Part 1) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
172	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Coliform	IS 5401 (Part 2) : 2012	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
173	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
174	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
175	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
176	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/gor ml
177	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml



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<b>Permanent Facility</b>					
178	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
179	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Escherichia coli	IS 5887 (Part 1) : 1976	Qualitative(Present/ Absent per 1 gor 1 ml)
180	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Flat Sour Spores	APHA 4th edition Chapter 24,25: 2001	greater than or equalto 10 cfu/g or greaterthan or equal to 1 cfu/ml
181	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Listeria monocytogenes	USFDA – BAM Chapter 10: 2016	Qualitative(Present/ Absent per 25 g or 25 ml)
182	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Listeria monocytogenes	IS 14988 (Part 1): 2001	Qualitative(Present/ Absent per 25 gor 25 ml)
183	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Salmonella	USFDA-BAM Chapter 5: 2018	Qualitative(Present/ Absent per 25 g/25 ml)
184	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Salmonella	IS 5887 (Part 3): 1999	Qualitative(Present/Abs ent per 25 g or 25 ml)
185	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Shigella	USFDA-BAM Chapter 6: 2013	Qualitative(Present/ Absent per 25 g or 25 ml)
186	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Shigella	IS 5887 (Part 7): 1999	Qualitative(Present/Abs ent per 25 g or 25 ml)



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<b>Permanent Facility</b>					
187	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Staphylococcus aureus (Coagulase Positive)	IS 5887 (Part 8/Sec 1): 2002	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
188	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Staphylococcus aureus (Coagulase Positive)	USFDA-BAM Chapter 12: 2016	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
189	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Total Bacterial count	IS 5402: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
190	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Total Bacterial count	USFDA-BAM Chapter 3: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
191	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Yeast & Mould	USFDA-BAM Chapter 18: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
192	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Yeast & Mould	IS 5403: 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
193	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Bacillus cereus	IS 5887 (Part 6) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
194	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Bacillus cereus	USFDA-BAM Chapter 14: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
195	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Clostridium perfringens	USFDA-BAM Chapter 16: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml



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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
<b>Permanent Facility</b>					
196	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Clostridium perfringens	IS 5887 (Part 4): 1999	Qualitative(Present/Absent per 1 g or 1 ml)
197	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Clostridium perfringens	IS 5887 (Part 4) : 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
198	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Coliform	IS 5401 (Part 2) : 2012	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
199	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
200	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Coliform	IS 5401 (Part 2) : 2012	Qualitative(Present/Absent per 1 g or 1 ml)
201	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Coliform	IS 5401 (Part 1) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
202	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
203	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Escherichia coli	IS 5887 (Part 1): 1976	Qualitative(Present/Absent per 1 g or 1 ml)
204	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml





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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
<b>Permanent Facility</b>					
205	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
206	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
207	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
208	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Listeria monocytogenes	IS 14988 (Part 1): 2001	Qualitative(Present/Absent per 25 g or 25 ml)
209	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Listeria monocytogenes	USFDA-BAM Chapter 10: 2017	Qualitative(Present/Absent per 25 g or 25 ml)
210	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Salmonella	IS 5887 (Part 3): 1999	Qualitative(Present/Absent per 25 g or 25 ml)
211	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Salmonella	USFDA-BAM Chapter 5: 2018	Qualitative(Present/Absent per 25 g or 25 ml)
212	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Shigella	USFDA-BAM Chapter 6: 2013	Qualitative(Present/Absent per 25 g or 25 ml)
213	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Shigella	IS 5887 (Part 7): 1999	Qualitative(Present/Absent per 25 g or 25 ml)



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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
<b>Permanent Facility</b>					
214	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Staphylococcus aureus(Coagulase Positive)	USFDA-BAM Chapter 12: 2016	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
215	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Staphylococcus aureus(Coagulase Positive)	IS 5887 (Part 8/Sec 1): 2002	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
216	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Total Bacterial count	IS 5402: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
217	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Total Bacterial count	USFDA-BAM Chapter 3: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
218	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Vibrio cholerae	USFDA-BAM Chapter 9: 2004	Qualitative(Present/Absent per 25 g or 25 ml)
219	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Vibrio cholerae	IS 5887 (Part 5) : 1976	Qualitative(Present/Absent per 25 g or 25 ml)
220	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Vibrio parahaemolyticus	USFDA-BAM Chapter 9: 2004	Qualitative(Present/Absent per 25 g or 25 ml)
221	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Vibrio parahaemolyticus	IS 5887 (Part 5): 1976	Qualitative(Present/Absent per 25 g or 25 ml)
222	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Yeast & Mould	USFDA-BAM Chapter 18: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml



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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
<b>Permanent Facility</b>					
223	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Eggs & Egg Products	Yeast & Mould	IS 5403: 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
224	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Clostridium perfringens	IS 5887 (Part 4): 1999	Qualitative(Present/Absent per 1 g or 1 ml)
225	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Clostridium perfringens	IS 5887 (Part 4) : 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
226	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Clostridium perfringens	USFDA-BAM Chapter 16: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
227	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Coliform	IS 5401 (Part 1) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
228	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
229	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Coliform	IS 5401 (Part 2): 2012	Qualitative(Present/Absent per 1 g or 1 ml)
230	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Coliform	IS 5401 (Part 2) : 2012	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
231	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml



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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
<b>Permanent Facility</b>					
232	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Enterobacteriaceae	APHA 4th edition Chapter 08: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
233	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
234	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
235	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/gor ml
236	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
237	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Escherichia coli	IS 5887 (Part 1) : 1976	Qualitative(Present/Absent per 1 g or 1 ml)
238	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Listeria monocytogenes	USFDA-BAM Chapter 10: 2017	Qualitative(Present/Absent per 25 g or 25 ml)
239	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Listeria monocytogenes	IS 14988 (Part 1) : 2001	Qualitative(Present/Absent per 25 g or 25 ml)
240	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Salmonella	IS 5887 (Part 3): 1999	Qualitative(Present/Absent per 25 g or 25 ml)



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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
<b>Permanent Facility</b>					
241	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Salmonella	USFDA-BAM Chapter 5: 2018	Qualitative(Present/Absent per 25 g or 25 ml)
242	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Shigella	IS 5887 (Part 7): 1999	Qualitative(Present/Absent per 25 g or 25 ml)
243	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Shigella	USFDA-BAM Chapter 6: 2018	Qualitative(Present/Absent per 25 g or 25 ml)
244	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Staphylococcus aureus (Coagulase Positive)	USFDA-BAM Chapter 12: 2016	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
245	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Staphylococcus aureus (Coagulase Positive)	IS 5887 (Part 8/Sec 1) : 2002	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
246	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Total Bacterial count	IS 5402: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
247	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Total Bacterial count	USFDA-BAM Chapter 3: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
248	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Vibrio cholerae	USFDA-BAM Chapter 9: 2004	Qualitative(Present/Absent per 25 g or 25 ml)
249	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Vibrio cholerae	IS 5887 (Part 5): 1976	Qualitative(Present/Absent per 25 g or 25 ml)





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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
<b>Permanent Facility</b>					
250	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Vibrio parahaemolyticus	IS 5887 (Part 5): 1976	Qualitative(Present/Absent per 25 g or 25 ml)
251	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Vibrio parahaemolyticus	USFDA-BAM Chapter 9: 2004	Qualitative(Present/Absent per 25 g or 25 ml)
252	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Yeast & Mould	USFDA-BAM Chapter 18: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
253	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea Foods	Yeast & Mould	IS 5403: 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
254	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Bacillus cereus	USFDA-BAM Chapter 14: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
255	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Bacillus cereus	IS 5887 (Part 6) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
256	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Clostridium perfringens	IS 5887 (Part 4): 1999	Qualitative(Present/Absent per 1 g or 1 ml)
257	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Clostridium perfringens	IS 5887 (Part 4): 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
258	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Clostridium perfringens	USFDA-BAM Chapter 16: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml



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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
<b>Permanent Facility</b>					
259	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Coliform	IS 5401 (Part 2) : 2012	Qualitative(Present/Absent per 1 g or 1 ml)
260	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Coliform	IS 5401 (Part 1) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
261	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
262	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Coliform	IS 5401 (Part 2) : 2012	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
263	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
264	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
265	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Escherichia coli	IS 5887 (Part 1): 1976	Qualitative(Present/Absent per 1 g or 1 ml)
266	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
267	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml



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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
<b>Permanent Facility</b>					
268	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
269	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Flat Sour Spores	APHA 5th edition Chapter 26: 2015	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
270	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Incubation test @37°C	IS 2860: 1964	Qualitative(Passes/Fail )
271	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Incubation test @55°C	IS 2860: 1964	Qualitative(Passes/Fail )
272	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Listeria monocytogenes	IS 14988 (Part 1) : 2017	Qualitative(Present/Absent per 25 g or 25 ml)
273	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Listeria monocytogenes	USFDA-BAM Chapter 10: 2017	Qualitative(Present/Absent per 25 g or 25 ml)
274	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Salmonella	IS 5887 (Part 3): 1999	Qualitative(Present/Absent per 25 g or 25 ml)
275	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Salmonella	USFDA-BAM Chapter 5: 2018	Qualitative(Present/Absent per 25 g or 25 ml)
276	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Shigella	IS 5887 (Part 7): 1999	Qualitative(Present/Absent per 25 g or 25 ml)



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<b>Permanent Facility</b>					
277	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Shigella	USFDA-BAM Chapter 6: 2013	Qualitative(Present/Absent per 25 g or 25 ml)
278	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Staphylococcus aureus (Coagulase Positive)	IS 5887 (Part 8/Sec 1): 2002	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
279	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Staphylococcus aureus (Coagulase Positive)	USFDA-BAM Chapter 12: 2016	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
280	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Total Bacterial count	USFDA-BAM Chapter 3: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
281	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Total Bacterial count	IS 5402: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
282	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Vibrio cholerae	IS 5887 (Part 5): 1976	Qualitative(Present/Absent per 25 g or 25 ml)
283	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Vibrio cholerae	USFDA-BAM Chapter 9: 2004	Qualitative(Present/Absent per 25 g or 25 ml)
284	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Vibrio parahaemolyticus	IS 5887 (Part 5): 1976	Qualitative(Present/Absent per 25 g or 25 ml)
285	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Vibrio parahaemolyticus	USFDA-BAM Chapter 9: 2004	Qualitative(Present/Absent per 25 g or 25 ml)



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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
<b>Permanent Facility</b>					
286	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Yeast & Mould	USFDA-BAM Chapter 18: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
287	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Yeast & Mould	IS 5403: 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
288	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Bacillus cereus	USFDA-BAM Chapter 14: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
289	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Bacillus cereus	IS 5887 (Part 6): 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
290	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Clostridium perfringens	IS 5887 (Part 4): 1999	Qualitative(Present/Absent per 1 g or 1 ml)
291	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Clostridium perfringens	IS 5887 (Part 4): 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
292	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Clostridium perfringens	USFDA-BAM Chapter 16: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
293	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Coliform	IS 5401 (Part 2) : 2012	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
294	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Coliform	IS 5401 (Part 2) : 2012	Qualitative(Present/Absent per 1 g or 1 ml)





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## SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

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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
<b>Permanent Facility</b>					
295	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Coliform	IS 5401 (Part 1) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
296	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
297	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
298	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
299	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
300	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
301	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
302	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Escherichia coli	IS 5887 (Part 1): 1976	Qualitative(Present/Absent per 1 g or 1 ml)
303	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Salmonella	IS 5887 (Part 3): 1999	Qualitative(Present/Absent per 25 g or 25 ml)



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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
<b>Permanent Facility</b>					
304	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Salmonella	USFDA-BAM Chapter 5: 2016	Qualitative(Present/Absent per 25 g or 25 ml)
305	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Shigella	USFDA-BAM Chapter 6: 2013	Qualitative(Present/Absent per 25 g or 25 ml)
306	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Shigella	IS 5887 (Part 7) : 1999	Qualitative(Present/Absent per 25 g or 25 ml)
307	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Staphylococcus aureus (Coagulase Positive)	IS 5887 (Part 8/Sec 1): 2002	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
308	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Staphylococcus aureus (Coagulase Positive)	USFDA-BAM Chapter 12: 2016	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
309	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Total Bacterial count	IS 5402: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
310	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Total Bacterial count	USFDA-BAM Chapter 3: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
311	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Yeast & Mould	IS 5403: 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
312	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Yeast & Mould	USFDA-BAM Chapter 18: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml



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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
<b>Permanent Facility</b>					
313	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Products	Bacillus cereus	IS 5887 (Part 6) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
314	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Products	Bacillus cereus	USFDA-BAM Chapter 14: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
315	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Products	Clostridium perfringens	IS 5887 (Part 4): 1999	Qualitative(Present/Absent per 1 g or 1 ml)
316	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Products	Clostridium perfringens	USFDA-BAM Chapter 16: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
317	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Products	Clostridium perfringens	IS 5887 (Part 4): 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
318	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Products	Coliform	IS 5401 (Part 1) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
319	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Products	Coliform	IS 5401 (Part 2) : 2012	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
320	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Products	Coliform	IS 5401 (Part 2) : 2012	Qualitative(Present/Absent per 1 g or 1 ml)
321	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Products	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml



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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
<b>Permanent Facility</b>					
322	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Products	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
323	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Products	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
324	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Products	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
325	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Products	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
326	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Products	Escherichia coli	IS 5887 (Part 1): 1976	Qualitative(Present/Absent per 1 g or 1 ml)
327	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Products	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
328	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Products	Salmonella	USFDA-BAM Chapter 5: 2018	Qualitative(Present/Absent per 25 g or 25 ml)
329	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Products	Salmonella	IS 5887 (Part 3): 1999	Qualitative(Present/Absent per 25 g or 25 ml)
330	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Products	Staphylococcus aureus(Coagulase Positive)	IS 5887 (Part 8/Sec 1): 2002	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml



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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
<b>Permanent Facility</b>					
331	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Products	Staphylococcus aureus(Coagulase Positive)	USFDA-BAM Chapter 12: 2016	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
332	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Products	Total Bacterial count	IS 5402: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
333	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Products	Total Bacterial count	USFDA-BAM Chapter 3: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
334	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Products	Yeast & Mould	USFDA-BAM Chapter 18: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
335	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Products	Yeast & Mould	IS 5403: 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
336	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Accelerated storage test	IS 1166: 1986	Qualitative(Passes/Fail )
337	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Clostridium perfringens	IS 5887 (Part 4): 1999	Qualitative(Present/Absent per 1 g or 1 ml)
338	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Coliform	IS 5401 (Part 2) : 2012	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
339	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Coliform	IS 5401 (Part 2) : 2012	Qualitative(Present/Absent per 1 g or 1 ml)





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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
<b>Permanent Facility</b>					
340	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
341	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Enterobacteriaceae	APHA 5th edition Chapter 09: 2015	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
342	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
343	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Escherichia coli	IS 5887 (Part 1): 1976	Qualitative(Present/Absent per 1 g or 1 ml)
344	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
345	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Flat Sour Spores	APHA 5th edition Chapter 26: 2015	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
346	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Lactic Acid Bacteria	APHA 5th edition Chapter 19: 2015	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
347	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Listeria Monocytogenes	IS 14988 (Part 1): 2001	Qualitative(Present/Absent per 25 g or 25 ml)
348	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Listeria Monocytogenes	USFDA-BAM Chapter 10: 2016	Qualitative(Present/Absent per 25 g or 25 ml)



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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
<b>Permanent Facility</b>					
349	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Salmonella	IS 5887 (Part 3): 1999	Qualitative(Present/Absent per 25 g or 25 ml)
350	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Salmonella	USFDA-BAM Chapter 5: 2017	Qualitative(Present/Absent per 25 g or 25 ml)
351	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Shigella	IS 5887 (Part 7): 1999	Qualitative(Present/Absent per 25 g or 25 ml)
352	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant Foods	Shigella	USFDA-BAM Chapter 6: 2013	Qualitative(Present/Absent per 25 g or 25 ml)
353	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Bacillus cereus	IS 5887 (Part 6): 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
354	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Bacillus cereus	USFDA-BAM Chapter 14: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
355	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Clostridium perfringens	IS 5887 (Part 4): 1999	Qualitative(Present/Absent per 1 g or 1 ml)
356	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Clostridium perfringens	IS 5887 (Part 4): 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
357	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Clostridium perfringens	USFDA-BAM Chapter 16: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml



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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
<b>Permanent Facility</b>					
358	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
359	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Coliform	IS 5401 (Part 2) : 2012	Qualitative(Present/Absent per 1 g or 1 ml)
360	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
361	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Coliform	IS 5401 (Part 2) : 2012	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
362	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Coliform	IS 5401 (Part 1) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
363	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Enterobacteriaceae	APHA 5th edition Chapter 09: 2015	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
364	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
365	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Escherichia coli	IS 5887 (Part 1): 1976	Qualitative(Present/Absent per 1 g or 1 ml)
366	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml



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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
<b>Permanent Facility</b>					
367	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
368	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
369	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Flat Sour Spores	APHA 5th edition Chapter 26: 2015	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
370	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Listeria monocytogenes	USFDA-BAM Chapter 10: 2017	Qualitative(Present/Absent per 25 g or 25 ml)
371	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Listeria monocytogenes	IS 14988 (Part 1): 2001	Qualitative(Present/Absent per 25 g or 25 ml)
372	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Salmonella	IS 5887 (Part 3): 1999	Qualitative(Present/Absent per 25 g or 25 ml)
373	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Salmonella	USFDA-BAM Chapter 5: 2018	Qualitative(Present/Absent per 25 g or 25 ml)
374	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Shigella	USFDA-BAM Chapter 6: 2013	Qualitative(Present/Absent per 25 g or 25 ml)
375	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Shigella	IS 5887 (Part 7): 1999	Qualitative(Present/Absent per 25 g or 25 ml)



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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
<b>Permanent Facility</b>					
376	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Staphylococcus aureus (Coagulase Positive)	IS 5887 (Part 8/Sec 1): 2002	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
377	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Staphylococcus aureus (Coagulase Positive)	USFDA-BAM Chapter 12: 2016	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
378	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Total Bacterial count	IS 5402: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
379	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Total Bacterial count	USFDA-BAM Chapter 3: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
380	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Yeast & Mould	IS 5403: 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
381	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Yeast & Mould	USFDA-BAM Chapter 18: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
382	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Bacillus cereus	USFDA-BAM Chapter 14: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
383	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Bacillus cereus	IS 5887 (Part 6) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
384	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Clostridium perfringens	IS 5887 (Part 4): 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml





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## SCOPE OF ACCREDITATION

Laboratory Name MONARCH NUCLEAR COUNTING LABORATORY (A UNIT OF MONARCH BIOTECH PVT LTD), 37- A SIDCO INDUSTRIAL ESTATE, THIRUMAZHISAI, CHENNAI, TAMIL NADU , INDIA

Accreditation Standard ISO/IEC 17025:2017

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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
<b>Permanent Facility</b>					
385	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Clostridium perfringens	USFDA-BAM Chapter 16: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
386	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Clostridium perfringens	IS 5887 (Part 4): 1999	Qualitative(Present/Absent per 1 g or 1 ml)
387	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Coliform	IS 5401 (Part 2) : 2012	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
388	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
389	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
390	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Coliform	IS 5401 (Part 1) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
391	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Coliform	IS 5401 (Part 2) : 2012	Qualitative(Present/Absent per 1 g or 1 ml)
392	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
393	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml



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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
<b>Permanent Facility</b>					
394	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
395	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
396	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Escherichia coli	IS 5887 (Part 1): 1976	Qualitative(Present/Absent per 1 g or 1 ml)
397	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Listeria monocytogenes	IS 14988 (Part 1) : 2001	Qualitative(Present/Absent per 25 g or 25 ml)
398	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Salmonella	IS 5887 (Part 3): 1999	Qualitative(Present/Absent per 25 g or 25 ml)
399	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Salmonella	USFDA-BAM Chapter 5: 2018	Qualitative(Present/Absent per 25 g or 25 ml)
400	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Shigella	IS 5887 (Part 7): 1999	Qualitative(Present/Absent per 25 g or 25 ml)
401	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Shigella	USFDA-BAM Chapter 6: 2013	Qualitative(Present/Absent per 25 g or 25 ml)
402	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Staphylococcus aureus (Coagulase Positive)	USFDA-BAM Chapter 12: 2016	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml



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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
<b>Permanent Facility</b>					
403	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Staphylococcus aureus (Coagulase Positive)	IS 5887 (Part 8/Sec 1): 2002	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
404	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Total Bacterial count	USFDA-BAM Chapter 3: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
405	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Total Bacterial count	IS 5402: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
406	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Vibrio cholerae	USFDA-BAM Chapter 9: 2004	Qualitative(Present/Absent per 25 g or 25 ml)
407	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Vibrio cholerae	IS 5887 (Part 5): 1976	Qualitative(Present/Absent per 25 g or 25 ml)
408	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Vibrio parahaemolyticus	IS 5887 (Part 5): 1976	Qualitative(Present/Absent per 25 g or 25 ml)
409	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Vibrio parahaemolyticus	USFDA-BAM Chapter 9: 2014	Qualitative(Present/Absent per 25 g or 25 ml)
410	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Yeast & Mould	IS 5403: 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
411	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Yeast & Mould	USFDA-BAM Chapter 18: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml



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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
<b>Permanent Facility</b>					
412	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Accelerated Storage test	IS 1166: 1986	Qualitative(Passes/Fail )
413	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Bacillus cereus	IS 5887 (Part 6) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
414	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Bacillus cereus	USFDA-BAM Chapter 14: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
415	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Clostridium perfringens	IS 5887 (Part 4): 1999	Qualitative(Present/Absent per 1 g or 1 ml)
416	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Clostridium perfringens	IS 5887 (Part 4): 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
417	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Clostridium perfringens	USFDA-BAM Chapter 16: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
418	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
419	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Coliform	IS 5401 (Part 1) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
420	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Enterobacteriaceae	APHA5th edition Chapter 09: 2015	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml



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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
<b>Permanent Facility</b>					
421	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
422	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Escherichia coli	USFDA-BAM Chapter 4: 2018	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
423	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Flat Sour Spores	APHA 5th edition Chapter 26: 2015	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
424	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Lactic Acid Bacteria	APHA 5th edition Chapter 19: 2015	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
425	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Listeria monocytogenes	USFDA-BAM Chapter 10: 2017	Qualitative(Present/Absent per 25 g or 25 ml)
426	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Listeria monocytogenes	IS 14988 (Part 1): 2001	Qualitative(Present/Absent per 25 g or 25 ml)
427	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Salmonella	USFDA-BAM Chapter 5: 2018	Qualitative(Present/Absent per 25 g or 25 ml)
428	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Salmonella	IS 5887 (Part 3): 1999	Qualitative(Present/Absent per 25 g or 25 ml)
429	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Shigella	IS 5887 (Part 7): 1999	Qualitative(Present/Absent per 25 g or 25 ml)





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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
<b>Permanent Facility</b>					
430	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Shigella	USFDA-BAM Chapter 6: 2013	Qualitative(Present/Absent per 25 g or 25 ml)
431	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Staphylococcus aureus (Coagulase Positive)	USFDA-BAM Chapter 12: 2016	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
432	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Staphylococcus aureus (Coagulase Positive)	IS 5887 (Part 8/Sec 1): 2002	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
433	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Total Bacterial count	IS 5402: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
434	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Total Bacterial count	USFDA-BAM Chapter 3: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
435	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Vibrio cholerae	USFDA-BAM Chapter 9: 2004	Qualitative(Present/Absent per 25 g or 25 ml)
436	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Vibrio cholerae	IS 5887 (Part 5): 1976	Qualitative(Present/Absent per 25 g or 25 ml)
437	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Vibrio parahaemolyticus	USFDA-BAM Chapter 9: 2004	Qualitative(Present/Absent per 25 g or 25 ml)
438	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Vibrio parahaemolyticus	IS 5887 (Part 5): 1976	Qualitative(Present/Absent per 25 g or 25 ml)



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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
<b>Permanent Facility</b>					
439	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Yeast & Mould	USFDA-BAM Chapter 18: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
440	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Yeast & Mould	IS 5403: 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
441	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Bacillus cereus	USFDA-BAM Chapter 14: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
442	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Bacillus cereus	IS 5887 (Part 6) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
443	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Clostridium perfringens	IS 5887 (Part 4): 1999	Qualitative(Present/Absent per 1 g or 1 ml)
444	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Clostridium perfringens	USFDA-BAM Chapter 16: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
445	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Clostridium perfringens	IS 5887 (Part 4): 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
446	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Coliform	IS 5401 (Part 2) : 2012	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
447	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Coliform	IS 5401 (Part 1) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml



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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
<b>Permanent Facility</b>					
448	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
449	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Coliform	IS 5401 (Part 2) : 2012	Qualitative(Present/Absent per 1 g or 1 ml)
450	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
451	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
452	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Escherichia coli	IS 5887 (Part 1): 1976	Qualitative(Present/Absent per 1 g or 1 ml)
453	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
454	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
455	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
456	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Listeria monocytogenes	IS 14988 (Part 1): 2001	Qualitative(Present/Absent per 25 g or 25 ml)



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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
<b>Permanent Facility</b>					
457	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Listeria monocytogenes	USFDA-BAM Chapter 10: 2017	Qualitative(Present/Absent per 25 g or 25 ml)
458	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Salmonella	USFDA-BAM Chapter 5: 2018	Qualitative(Present/Absent per 25 g or 25 ml)
459	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Salmonella	IS 5887 (Part 3): 1999	Qualitative(Present/Absent per 25 g or 25 ml)
460	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Shigella	USFDA-BAM Chapter 6: 2013	Qualitative(Present/Absent per 25 g or 25 ml)
461	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Staphylococcus aureus (Coagulase Positive)	USFDA-BAM Chapter 12: 2016	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
462	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Staphylococcus aureus (Coagulase Positive)	IS 5887 (Part 8/Sec 1): 2002	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
463	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Total Bacterial count	IS 5402: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
464	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Total Bacterial count	USFDA-BAM Chapter 3: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
465	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Vibrio cholerae	IS 5887 (Part 5): 1976	Qualitative(Present/Absent per 25 g or 25 ml)



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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
<b>Permanent Facility</b>					
466	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Vibrio cholerae	USFDA-BAM Chapter 9: 2004	Qualitative(Present/Absent per 25 g or 25 ml)
467	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Vibrio parahaemolyticus	IS 5887 (Part 5): 1976	Qualitative(Present/Absent per 25 g or 25 ml)
468	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Vibrio parahaemolyticus	USFDA-BAM Chapter 9: 2004	Qualitative(Present/Absent per 25 g or 25 ml)
469	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Yeast & Mould	IS 5403: 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
470	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Yeast & Mould	USFDA-BAM Chapter 18: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
471	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut Products	Shigella	IS 5887 (Part 7): 1999	Qualitative(Present/Absent per 25 g or 25 ml)
472	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Bacillus cereus	USFDA-BAM Chapter 14: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
473	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Bacillus cereus	IS 5887 (Part 6) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
474	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Clostridium perfringens	USFDA-BAM Chapter 16: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml





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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
<b>Permanent Facility</b>					
475	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Clostridium perfringens	IS 5887 (Part 4): 1999	Qualitative(Present/Absent per 1 g or 1 ml)
476	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Clostridium perfringens	IS 5887 (Part 4): 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
477	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Coliform	IS 5401 (Part 2) : 2012	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
478	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
479	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
480	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Coliform	IS 5401 (Part 1) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
481	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Coliform	IS 5401 (Part 2) : 2012	Qualitative(Present/Absent per 1 g or 1 ml)
482	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
483	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml



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Laboratory Name MONARCH NUCLEAR COUNTING LABORATORY (A UNIT OF MONARCH BIOTECH PVT LTD), 37- A SIDCO INDUSTRIAL ESTATE, THIRUMAZHISAI, CHENNAI, TAMIL NADU , INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6206 Page No. : 55 / 215

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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
<b>Permanent Facility</b>					
484	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
485	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
486	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Escherichia coli	IS 5887 (Part 1): 1976	Qualitative(Present/Absent per 1 g or 1 ml)
487	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Listeria monocytogenes	USFDA-BAM Chapter 10: 2017	Qualitative(Present/Absent per 25 g or 25 ml)
488	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Listeria monocytogenes	IS 14988 (Part 1): 2001	Qualitative(Present/Absent per 25 g or 25 ml)
489	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Salmonella	USFDA-BAM Chapter 5: 2018	Qualitative(Present/Absent per 25 g or 25 ml)
490	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Salmonella	IS 5887 (Part 3): 1999	Qualitative(Present/Absent per 25 g or 25 ml)
491	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Shigella	USFDA-BAM Chapter 6: 2013	Qualitative(Present/Absent per 25 g or 25 ml)
492	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Shigella	IS 5887 (Part 7): 1999	Qualitative(Present/Absent per 25 g or 25 ml)



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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
<b>Permanent Facility</b>					
493	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Staphylococcus aureus(Coagulase Positive)	USFDA-BAM Chapter 12: 2016	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
494	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Staphylococcus aureus(Coagulase Positive)	IS 5887 (Part 8/Sec 1): 2002	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
495	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Total Bacterial count	USFDA-BAM Chapter 3: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
496	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Total Bacterial count	IS 5402: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
497	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Vibrio cholerae	USFDA-BAM Chapter 9: 2004	Qualitative(Present/Absent per 25 g or 25 ml)
498	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Vibrio cholerae	IS 5887 (Part 5): 1976	Qualitative(Present/Absent per 25 g or 25 ml)
499	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Vibrio parahaemolyticus	USFDA-BAM Chapter 9: 2004	Qualitative(Present/Absent per 25 g or 25 ml)
500	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Vibrio parahaemolyticus	IS 5887 (Part 5) : 1976	Qualitative(Present/Absent per 25 g or 25 ml)
501	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Yeast & Mould	IS 5403: 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml



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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
<b>Permanent Facility</b>					
502	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Poultry & Poultry Products	Yeast & Mould	USFDA-BAM Chapter 18: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
503	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snack and instant mixes	Salmonella	IS 5887 (Part 3): 1999	Qualitative(Present/Absent per 25 g or 25 ml)
504	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Bacillus cereus	IS 5887 (Part 6) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
505	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Bacillus cereus	USFDA-BAM Chapter 14: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
506	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Clostridium perfringens	IS 5887 (Part 4) : 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
507	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Clostridium perfringens	IS 5887 (Part 4): 1999	Qualitative(Present/Absent per 1 g or 1 ml)
508	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Clostridium perfringens	USFDA-BAM Chapter 16: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
509	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Coliform	IS 5401 (Part 1) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
510	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and instant mixes	Coliform	USFDA - BAM Chapter 4 : 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml



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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
<b>Permanent Facility</b>					
511	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Coliform	IS 5401 (Part 2) : 2012	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
512	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
513	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Coliform	IS 5401 (Part 2): 2012	Qualitative(Present/Absent per 1 g or 1 ml)
514	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Enterobacteriaceae	APHA 45th edition Chapter 08: 2015	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
515	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
516	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
517	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
518	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Escherichia coli	IS 5887 (Part 1): 1976	Qualitative(Present/Absent per 1 g or 1 ml)
519	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Escherichia coli	IS 5887 (Part 1) : 1976	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml





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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
<b>Permanent Facility</b>					
520	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Flat Sour Spores	APHA 5th edition Chapter 26: 2015	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
521	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Listeria monocytogenes	IS 14988 (Part 1): 2001	Qualitative(Present/Absent per 25 g or 25 ml)
522	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Listeria monocytogenes	USFDA-BAM Chapter 10: 2017	Qualitative(Present/Absent per 25 g or 25 ml)
523	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Salmonella	USFDA-BAM Chapter 5: 2018	Qualitative(Present/Absent per 25 g or 25 ml)
524	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Shigella	IS 5887 (Part 7): 1999	Qualitative(Present/Absent per 25 g or 25 ml)
525	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Shigella	USFDA-BAM Chapter 6: 2013	Qualitative(Present/Absent per 25 g or 25 ml)
526	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Staphylococcus aureus (Coagulase Positive)	IS 5887 (Part 8/Sec 1): 2002	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
527	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Staphylococcus aureus (Coagulase Positive)	USFDA-BAM Chapter 12: 2016	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
528	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Total Bacterial count	IS 5402: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml



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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
<b>Permanent Facility</b>					
529	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Total Bacterial count	USFDA-BAM Chapter 3: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
530	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Vibrio Cholerae	IS 5887 (Part 5): 1976	Qualitative(Present/Absent per 25 g or 25 ml)
531	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Vibrio cholerae	USFDA-BAM Chapter 9: 2004	Qualitative(Present/Absent per 25 g or 25 ml)
532	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Vibrio parahaemolyticus	IS 5887 (Part 5): 1976	Qualitative(Present/Absent per 25 g or 25 ml)
533	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Vibrio parahaemolyticus	USFDA-BAM Chapter 9: 2004	Qualitative(Present/Absent per 25 g or 25 ml)
534	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Yeast & Mould	IS 5403: 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
535	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Yeast & Mould	USFDA-BAM Chapter 18: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
536	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Bacillus cereus	IS 5887 (Part 6) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
537	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Bacillus cereus	USFDA-BAM Chapter 14: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml



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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
<b>Permanent Facility</b>					
538	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Clostridium perfringes	IS 5887 (Part 4): 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
539	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Clostridium perfringes	USFDA-BAM Chapter 16: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
540	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Clostridium perfringes	IS 5887 (Part 4): 1999	Qualitative(Present/Absent per 1 g or 1 ml)
541	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Coliform	IS 5401 (Part 2) : 2012	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
542	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Coliform	IS 5401 (Part 2) : 2012	Qualitative(Present/Absent per 1 g or 1 ml)
543	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
544	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Coliform	IS 5401 (Part 1) : 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
545	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Coliform	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
546	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Escherichia coli	IS 5887 (Part 1): 1976	Qualitative(Present/Absent per 1 g or 1 ml)



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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
<b>Permanent Facility</b>					
547	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 0.3 to less than or equal to 110 MPN/g or ml
548	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
549	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Escherichia coli	IS 5887 (Part 1): 1976	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
550	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Escherichia coli	USFDA-BAM Chapter 4: 2017	greater than or equal to 3 to less than or equal to 1100 MPN/g or ml
551	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Flat Sour Spores	APHA 5th edition Compendium Chapter 26: 2015	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
552	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Listeria monocytogenes	IS 14988 (Part 1): 2001	Qualitative(Present/Absent per 25 g or 25 ml)
553	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Listeria monocytogenes	USFDA-BAM Chapter 10: 2017	Qualitative(Present/Absent per 25 g or 25 ml)
554	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Salmonella	USFDA-BAM Chapter 5: 2018	Qualitative(Present/Absent per 25 g or 25 ml)
555	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Salmonella	IS 5887 (Part 3): 1999	Qualitative(Present/Absent per 25 g or 25 ml)



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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
<b>Permanent Facility</b>					
556	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Shigella	IS 5887 (Part 7): 1999	Qualitative(Present/Absent per 25 g or 25 ml)
557	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Shigella	USFDA-BAM Chapter 6: 2013	Qualitative(Present/Absent per 25 g or 25 ml)
558	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Staphylococcus aureus (Coagulase Positive)	USFDA-BAM Chapter 12: 2016	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
559	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Staphylococcus aureus (Coagulase Positive)	IS 5887 (Part 8/Sec 1): 2002	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
560	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Total Bacterial count	IS 5402: 2012	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
561	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Total Bacterial count	USFDA-BAM Chapter 3: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
562	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Vibrio cholerae	USFDA-BAM Chapter 9: 2004	Qualitative(Present/Absent per 25 g or 25 ml)
563	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Vibrio cholerae	IS 5887 (Part 5): 1976	Qualitative(Present/Absent per 25 g or 25 ml)
564	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Vibrio parahaemolyticus	USFDA-BAM Chapter 9: 2004	Qualitative(Present/Absent per 25 g or 25 ml)





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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
<b>Permanent Facility</b>					
565	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Vibrio parahaemolyticus	IS 5887 (Part 5): 1976	Qualitative(Present/Absent per 25 g or 25 ml)
566	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Yeast & Mould	USFDA-BAM Chapter 18: 2001	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
567	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Yeast & Mould	IS 5403: 1999	greater than or equal to 10 cfu/g or greater than or equal to 1 cfu/ml
568	BIOLOGICAL- WATER	Drinking water	Enterococci/ Faecal Streptococci	IS 1622: 1981	0 to 200 cfu per 100 ml
569	BIOLOGICAL- WATER	Drinking water	Enterococci/ Faecal Streptococci	IS 1622: 1981	greater than or equal to 2 to less than or equal to 1600 MPN per 100 ml
570	BIOLOGICAL- WATER	Drinking water	Escherichia coli	(As per IS 10500:2012 ) IS 1622: 1981	greater than or equal to 2 to less than or equal to 1600 MPN per 100 ml
571	BIOLOGICAL- WATER	Drinking water	Escherichia coli	IS 15185: 2016	greater than or equal to 2 to less than or equal to 1600 MPN per 100 ml
572	BIOLOGICAL- WATER	Drinking water	Gelatin Liquifying bacteria	IS 1622: 1981	greater than or equal to 1 cfu per ml
573	BIOLOGICAL- WATER	Drinking water	Standard Plate count	IS 1622: 1981	greater than or equal to 1 cfu/ml



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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
<b>Permanent Facility</b>					
574	BIOLOGICAL- WATER	Drinking water	Sulphate reducing bacteria	IS 1622: 1981	greater than or equal to 2 to less than or equal to 1600 MPN per 100 ml
575	BIOLOGICAL- WATER	Drinking water	Thermo tolerant coliforms	(As per IS 10500:2012 ) IS 1622: 1981	greater than or equal to 2 to less than or equal to 1600 MPN per 100 ml
576	BIOLOGICAL- WATER	Drinking water	Total Coliforms	IS 1622: 1981	0 to 200 cfu/100 ml
577	BIOLOGICAL- WATER	Drinking water	Total Coliforms	(As per IS 10500:2012 ) IS 1622 1981 RA Amd 4(MPN): 2014	2 to 1600
578	BIOLOGICAL- WATER	Ground water/Surface water	Enterococci/ Faecal Streptococci	IS 1622 1981 RA Amd 4(MF): 2014	0 to 200
579	BIOLOGICAL- WATER	Ground water/Surface water	Enterococci/ Faecal Streptococci	IS 1622 : 1981	greater than or equal to 2 to less than or equal to 1600 MPN per 100 ml
580	BIOLOGICAL- WATER	Ground water/Surface water	Escherichia coli	(As per IS 10500:2012 ) IS 1622: 1981 IS 15185: 2016	greater than or equal to 2 to less than or equal to 1600 MPN per 100 ml
581	BIOLOGICAL- WATER	Ground water/Surface water	Escherichia coli	IS 1622: 1981	0 to 200 cfu per 100 ml
582	BIOLOGICAL- WATER	Ground water/Surface water	Gelatin Liquifying bacteria	IS 1622: 1981	greater than or equal to 1 cfu/ml
583	BIOLOGICAL- WATER	Ground water/Surface water	Standard Plate count	IS 1622: 1981	greater than or equal to 1 cfu/ml



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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
<b>Permanent Facility</b>					
584	BIOLOGICAL- WATER	Ground water/Surface water	Sulphate reducing bacteria	IS 1622: 1981	greater than or equal to2 to less than or equalto 1600 MPN per 100ml
585	BIOLOGICAL- WATER	Ground water/Surface water	Thermo tolerant coliforms	(As per IS 10500:2012 ) IS 1622 1981 RA Amd 4(MPN): 2014	2 to 1600
586	BIOLOGICAL- WATER	Ground water/Surface water	Total Coliforms	IS 1622: 1981	0 to 200 cfu/100 ml
587	BIOLOGICAL- WATER	Ground water/Surface water	Total Coliforms	(As per IS 10500:2012 ) IS 1622 1981 RA Amd 4(MPN): 2014	2 to 1600
588	BIOLOGICAL- WATER	Packaged drinking Water	Coliform	IS 15185: 2016	Qualitative(Present/Absent/250 ml)
589	BIOLOGICAL- WATER	Packaged drinking Water	Escherichia coli	IS 15185: 2016	Qualitative(Present/Absent/250 ml)
590	BIOLOGICAL- WATER	Packaged drinking Water	Faecal streptococci	IS 15186: 2002	Qualitative(Present/Absent/250 ml)
591	BIOLOGICAL- WATER	Packaged drinking Water	Pseudomonas aeruginosa	Annex D of IS 13428: 2005	Qualitative(Present/Absent/250 ml)
592	BIOLOGICAL- WATER	Packaged drinking Water	Salmonella	IS 15187: 2016	Qualitative(Present/Absent/250 ml)
593	BIOLOGICAL- WATER	Packaged drinking Water	Shigella	IS 5887 (Part 7): 1999	Qualitative(Present/Absent/250 ml)
594	BIOLOGICAL- WATER	Packaged drinking Water	Staphylococcus aureus	IS 5887 (Part 2): 1976	Qualitative(Present/Absent/250 ml)
595	BIOLOGICAL- WATER	Packaged drinking Water	Sulphite reducing bacteria	Annex C of IS 13428: 2005	Qualitative(Present/Absent/50 ml)



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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
<b>Permanent Facility</b>					
596	BIOLOGICAL- WATER	Packaged drinking Water	Total Bacterial count at 22°C for 72hrs	IS 5402: 2012	greater than or equal to 1 cfu/ml
597	BIOLOGICAL- WATER	Packaged drinking Water	Total Bacterial count at 37°C for 24hrs	IS 5402: 2012	greater than or equal to 1 cfu/ml
598	BIOLOGICAL- WATER	Packaged drinking Water	Vibrio cholerae	IS 5887(Part 5): 1976	Qualitative(Present/Absent/250 ml)
599	BIOLOGICAL- WATER	Packaged drinking Water	Vibrio parahaemolyticus	IS 5887 (Part 5): 1976	Qualitative(Present/Absent/250 ml)
600	BIOLOGICAL- WATER	Packaged drinking Water	Yeast & Mould	IS 5403 : 1999	Qualitative(Present/Absent/250 ml)
601	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Coliform	IS 15185: 2016	Qualitative(Present/Absent/250 ml)
602	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Escherichia coli	IS 15185: 2016	Qualitative(Present/Absent/250 ml)
603	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Faecal streptococci	IS 15186: 2002	Qualitative(Present/Absent/250 ml)
604	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Pseudomonas aeruginosa	Annex D of IS 13428: 2005	Qualitative(Present/Absent/250 ml)
605	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Salmonella	IS 15187: 2016	Qualitative(Present/Absent/250 ml)
606	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Shigella	IS 5887 (Part 7): 1999	Qualitative(Present/Absent/250 ml)
607	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Staphylococcus aureus	IS 5887 (Part 2): 1976	Qualitative(Present/Absent/250 ml)
608	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Sulphite reducing bacteria	Annex C of IS 13428: 2005	Qualitative(Present/Absent/50 ml)



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<b>Permanent Facility</b>					
609	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Total Bacterial count at 22°C for 72hrs	IS 5402: 2012	greater than or equal to 1 cfu/ml
610	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Total Bacterial count at 37°C for 24hrs	IS 5402: 2012	greater than or equal to 1 cfu/ml
611	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Vibrio cholerae	IS 5887 (Part 5): 1976	Qualitative(Present/Absent/250 ml)
612	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Vibrio parahaemolyticus	IS 5887 (Part 5): 1976	Qualitative(Present/Absent/250 ml)
613	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Yeast & Mould	IS 5403: 1999	Qualitative(Present/Absent/250 ml)
614	BIOLOGICAL- WATER	Water for processed Food industry	Coliform	IS 1622: 1981	greater than or equal to 2 to less than or equal to 1600 MPN per 100 ml
615	BIOLOGICAL- WATER	Water for processed Food industry	Escherichia coli	IS 1622: 1981	greater than or equal to 2 to less than or equal to 1600 MPN per 100 ml
616	BIOLOGICAL- WATER	Water for processed Food industry	Faecal Coliform	IS 1622: 1981	greater than or equal to 2 to less than or equal to 1600 MPN per 100 ml
617	BIOLOGICAL- WATER	Water for processed Food industry	Faecal streptococci	IS 1622: 1981	greater than or equal to 2 to less than or equal to 1600 MPN per 100 ml
618	BIOLOGICAL- WATER	Water for processed Food industry	Gelatin liquefying bacteria	IS 1622: 1981	greater than or equal to 1 cfu/ml





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<b>Permanent Facility</b>					
619	BIOLOGICAL- WATER	Water for processed Food industry	Lipolytic organisms	IS 4251: 1967	greater than or equal to 1 CFU / ml
620	BIOLOGICAL- WATER	Water for processed Food industry	Proteolytic organisms	IS 4251: 1967	greater than or equal to 1 CFU / ml
621	BIOLOGICAL- WATER	Water for processed Food industry	Standard plate count	IS 1622: 1981	greater than or equal to 1 CFU / ml
622	BIOLOGICAL- WATER	Water for processed Food industry	Sulphate reducing bacteria	IS 1622: 1981	greater than or equal to 2 to less than or equal to 1600 MPN per 100 ml
623	BIOLOGICAL- WATER	Water for processed Food industry	Thermophilic Bacteria	IS 4251: 1967	greater than or equal to 1 cfu/ml
624	BIOLOGICAL- WATER	Water for Swimming Pool and Spas	Total Coliforms	(As per IS 3328-1993) IS 1622: 1981	greater than or equal to 2 to less than or equal to 1600 MPN per 100 ml
625	BIOLOGICAL- WATER	Water for Swimming Pool and Spas	Total plate count	(As per IS 3328-1993) IS 1622: 1981	greater than or equal to 1 cfu/ml
626	BIOLOGICAL- WATER	Water for Swimming Pool and Spas	Total plate count	IS 3328: 1993	greater than or equal to 1 cfu/ml
627	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Acesulphame K	FSSAI Lab Manual -8- Food Additives: 2016	Qualitative
628	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Acid Insoluble Ash	IS 12711 : 1989/FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	0.05 to 2



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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
<b>Permanent Facility</b>					
629	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Acid Insoluble Ash	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	0.01 % to 1 %
630	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Acidity of extracted Fat (as Oleic acid)	IS 12711 : 1989/FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	0.01 to 5
631	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Added Colour (non permitted)	IS 1699 : 1995 (RA : 2009)/FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	Qualitative
632	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Added Colour (permitted)	IS 1699 : 1995 (RA : 2009)/FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	Qualitative
633	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Aflatoxin M1	In House Validated Method (MBT/CL/SOP/472) Issue No./Date : 01/01.12.2016): 2016	0.05 to 10.0
634	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Aspartame	FSSAI Lab Manual -8- Food Additives: 2016	Qualitative



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<b>Permanent Facility</b>					
635	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Benzoic Acid & as Sodium benzoate, Potassium benzoate	In House Validated Method (MBT/CL/SOP/083) (Issue No./Date : 01/06.08.2014): 2014	2.5 to 25
636	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Cholesterol	In House Validated Method (MBT/CL/SOP/075) (Issue No./Date : 01/06.08.2014): 2014	0.1 to 50
637	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Copper as Cu	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.250 to 10
638	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Crude Fibre	IS 12711 : 1989/FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	0.1 to 5
639	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Energy	FSSAI Lab Manual-1- Milk and Milk Products: 2016	50 to 800
640	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Gum	FSSAI Lab Manual-4- Beverages,Sugar and Sugar Products & Convectionary Products: 2016	10 % to 100 %
641	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Iron as Fe	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.250 to 10



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<b>Permanent Facility</b>					
642	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Lead as Pb	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.200 to 10
643	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Methyl Mercury	In House Validated Method(MBT/CL/SOP/477) (Issue No./Date : 01/01.12.2016): 2016	0.05 to 2.5
644	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Moisture	IS 12711 : 1989/FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	0.1 % to 20 %
645	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Monounsaturated Fatty Acids	In House Validated Method (MBT/CL/SOP/074) (Issue No./ Date : 01/06.08.2014): 2014	0.1 % to 50 %
646	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Peroxide Value	IS 548 : (Part-1) 1964 RA : 2010	0.1 to 10
647	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Polyunsaturated Fatty Acids	In House Validated Method (MBT/CL/SOP/074) (Issue No./ Date : 01/06.08.2014): 2014	0.1 % to 50 %
648	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Protein	FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	0.5 to 30



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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
<b>Permanent Facility</b>					
649	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Reducing Sugar (Calculated as Dextrose)	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	0.1 % to 40 %
650	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Saccharine	FSSAI Lab Manual -8- Food Additives: 2016	Qualitative
651	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Salt as NaCl	IS 12711 : 1989/FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	0.1 % to 10 %
652	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Saturated Fatty Acids	In House Validated Method (MBT/CL/SOP/074) (Issue No./ Date : 01/06.08.2014): 2014	0.1 % to 50 %
653	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Sorbic Acid & as Sodium sorbate, Potassium sorbate	In House Validated Method (MBT/CL/SOP/083) (Issue No./Date : 01/06.08.2014): 2014	2.5 to 25
654	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Sugars	FSSAI Lab Manual-3- Cereal and Cereal Products/AOAC 20thEdn., 975.14: 2016	1 % to 60 %
655	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Sulfur dioxide	AOAC 20thEdn., 990.28: 2016	1 to 2500





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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
<b>Permanent Facility</b>					
656	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Sulphated Ash	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	0.1 % to 20 %
657	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Sulphur dioxide as SO <sub>2</sub>	AOAC 20thEdn., 990.28: 2016	10 to 80
658	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Test for Added Natural Colours (Caramel, Cochineal, Curcumin or turmeric ,AnnatoChlorophyll, , Betanin)	FSSAI Lab Manual -8- Food Additives: 2016	Qualitative
659	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Test for Added Synthetic Colours and Inorganic Colouring Matter (Erythrosine, Carmoisine, Ponceau 4R, Fast green FCF, Indigo carmine, Brilliant blue FCF, Sunset Yellow FCF, Tartrazine	FSSAI Lab Manual -8- Food Additives: 2016	Qualitative
660	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Total Ash	FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	0.1 % to 10 %
661	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Total Solids	FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	0.5 % to 100 %



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<b>Permanent Facility</b>					
662	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Total sugar expressed as Sucrose	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	0.1 % to 60 %
663	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Trans Fatty Acids	In House Validated Method (MBT/CL/SOP/074) (Issue No./ Date : 01/06.08.2014): 2014	0.1 % to 50 %
664	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery and Confectionary, sweet products	Zinc as Zn	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.250 to 10
665	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Acesulphame K	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative
666	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Acid Insoluble Ash	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	0.01 % to 5.0 %
667	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Added Colouring Matter	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	Qualitative



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<b>Permanent Facility</b>					
668	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Aflatoxin – B1	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
669	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Aflatoxin – B2	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
670	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Aflatoxin – G1	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
671	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Aflatoxin – G2	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
672	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Arsenic as As	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.010 to 10
673	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Aspartame	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative



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<b>Permanent Facility</b>					
674	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Benzoic Acid & as Sodium benzoate, Potassium benzoate	In House Validated Method (MBT/CL/SOP/083) (Issue No./Date : 01/06.08.2014): 2014	2.5 to 25
675	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	BHA	In House Validated Method (MBT/CL/SOP/073) (Issue No./Date : 01/06.08.2014): 2014	10 to 100
676	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	BHT	In House Validated Method (MBT/CL/SOP/073) (Issue No./Date : 01/06.08.2014): 2014	10 to 100
677	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Carbohydrates	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	10 % to 100 %
678	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Copper as Cu	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.250 to 10
679	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Energy	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	50 to 800



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<b>Permanent Facility</b>					
680	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Insects Fragments	Visual Method: 2016	Qualitative
681	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Lead as Pb	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.200 to 10
682	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Methyl Mercury	In House Validated Method(MBT/CL/SOP/477) (Issue No./Date : 01/01.12.2016): 2016	0.05 to 2.5
683	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Moisture	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	0.1 % to 95 %
684	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Patulin	In House Validated Method (MBT/CL/SOP/082)(Issue No./Date : 01/06.08.2014): 2014	5 to 500
685	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Rodent Hair & Excreta	FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	Qualitative
686	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Saccharin	FSSAI Lab Manual -5- Fruit and Vegetable : 2016	Qualitative
687	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Saccharin Sodium	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative





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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
<b>Permanent Facility</b>					
688	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Solubility in cold water at 16 ± 2oC	IS 2791 : 1992 RA: 2009	Qualitative(Descriptive)
689	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Solubility in Hot Water @ 50 + 2oC	IS 3309 : 1992	Qualitative
690	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Sorbic Acid & as Sodium sorbate, Potassium sorbate	In House Validated Method (MBT/CL/SOP/083) (Issue No./Date : 01/06.08.2014): 2014	2.5 to 25
691	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Sulfur dioxide	AOAC 20thEdn., 990.28: 2016	10 to 80
692	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Sulphur dioxide as SO2	AOAC 20thEdn., 990.28: 2016	10 to 80
693	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	TBHQ	In House Validated Method (MBT/CL/SOP/073) (Issue No./Date : 01/06.08.2014): 2014	10 to 100
694	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Test for Added Natural Colours (Caramel, Cochineal, Curcumin or turmeric ,AnnatoChlorophyll, , Betanin)	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative



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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
<b>Permanent Facility</b>					
695	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Test for Added Synthetic Colours and Inorganic Colouring Matter (Erythrosine, Carmoisine, Ponceau 4R, Fast green FCF, Indigo carmine, Brilliant blue FCF, Sunset Yellow FCF, Tartrazine	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative
696	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Total Acidity	AOAC 20thEdn., 950.15: 2016	0.1 % to 5.0 %
697	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Total Ash	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	0.1 % to 40 %
698	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Total Solids	AOAC 20thEdn., 950.27: 2016	5.0 % to 100.0 %
699	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages (Alcoholic / Non-alcoholic)	Total Soluble Solids	FSSAI Lab Manual-5- Fruit and Vegetable : 2016	0.1 % to 50 %
700	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Acesulphame K	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative
701	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Acid Insoluble Ash	FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	0.01 % to 5.0 %



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<b>Permanent Facility</b>					
702	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Acidity of extracted Fat (as Oleic acid)	IS 1011 : 2002 RA : 2009	0.1 % to 15 %
703	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Aflatoxin B1	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
704	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Aflatoxin B2	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
705	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Aflatoxin G1	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
706	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Aflatoxin G2	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
707	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Agaric Acid	In House Validated Method (MBT/CL/SOP/071) (Issue No./Date : 01/06.08.2014): 2014	5 to 50



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<b>Permanent Facility</b>					
708	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Alcoholic Acidity	FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	0.1 % to 6.0 %
709	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Aldrin	In House Validated Method (MBT/CL/SOP/072) (Issue No./Date: 01/06.08.2014): 2014	0.01 to 10
710	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Argemone Seeds	FSSAI Lab Manual-10- Cereal and Cereal Products: 2016	Qualitative
711	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Aspartame	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative
712	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Carbohydrate	FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	10 % to 80 %
713	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Chlorpyrifos	In House Validated Method (MBT/CL/SOP/072) (Issue No./Date: 01/06.08.2014): 2014	0.01 to 10
714	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Crude Fibre	FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	0.05 % to 10.0 %
715	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Damaged grains and Discoloured grains	IS 4333 : (Part-II) 2002 RA : 2012	0.01 % to 20 %



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<b>Permanent Facility</b>					
716	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Deoxynivalenol	In House Validated Method (MBT/CL/SOP/467) (Issue No./ Date : 01/01.12.2016): 2016	1 to 10
717	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Dieldrin	In House Validated Method (MBT/CL/SOP/072) (Issue No./Date: 01/06.08.2014): 2014	0.01 to 10
718	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Energy	FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	50 to 800
719	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Ethion	In House Validated Method (MBT/CL/SOP/072) (Issue No./Date: 01/06.08.2014): 2014	0.01 to 10
720	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Extraneous Matter and Filth	IS 4333 : (Part-II) 2002 RA: 2012	0.2 % to 10 %
721	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Fat	AOAC 920.85, 20thEdn: 2016	0.1 % to 25.0 %
722	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Foreign Matteri. Mineral Matterii. Organic Matter	FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	0.005 % to 10 %
723	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Gluten	FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	0.5 % to 15.0 %

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





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<b>Permanent Facility</b>					
724	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Hydrocyanic Acid	FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	1.0 to 50
725	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Hypericine	In House Validated Method (MBT/CL/SOP/071) (Issue No./Date : 01/06.08.2014): 2014	0.5 to 10
726	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Insect	Visual Method: 2016	Qualitative
727	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Insect damaged by weevilled grain	FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	0.01 % to 10 %
728	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Insoluble Dietary Fibre	AOAC 20thEdn., 991.43: 2012	0.01 % to 95 %
729	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Iron	In House Validated Method (MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.01 to 100
730	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Kesari dal	FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	Qualitative
731	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Malathion (Sum of Malathion&Malaoxon)	In House Validated Method (MBT/CL/SOP/072) (Issue No./Date: 01/06.08.2014): 2014	0.01 to 10



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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
<b>Permanent Facility</b>					
732	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Methyl Mercury	In House Validated Method(MBT/CL/SOP/477) (Issue No./Date : 01/01.12.2016): 2016	0.05 to 2.5
733	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Moisture	FSSAI Lab Manual-3-Cereal and Cereal Products: 2016	0.1 % to 20.0 %
734	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Monocrotophos	In House Validated Method (MBT/CL/SOP/072) (Issue No./Date: 01/06.08.2014): 2014	0.01 to 10
735	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Nitrogen Content	ISO 20483 : 2006	0.1 % to 30 %
736	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Ochratoxin A	In House Validated Method (MBT/CL/SOP/466) (Issue No./ Date : 01/01.12.2016): 2016	0.04 to 50
737	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Other Edible Grains	FSSAI Lab Manual-3-Cereal and Cereal Products: 2016	Qualitative
738	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Phorate	In House Validated Method (MBT/CL/SOP/072) (Issue No./Date: 01/06.08.2014): 2014	0.01 to 50



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<b>Permanent Facility</b>					
739	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Phoratesulfone	In House Validated Method (MBT/CL/SOP/072) (Issue No./Date: 01/06.08.2014): 2014	0.01 to 0.1
740	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Phoratesulfoxide	In House Validated Method (MBT/CL/SOP/072) (Issue No./Date: 01/06.08.2014): 2014	0.01 to 10
741	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Protein	AOAC 920.87, 20thEdn, 2012/ FSSAI Manual -3- Cereal and Cereal Products : 2016	0.5 % to 30.0 %
742	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Reducing Sugar	IS 6287: 1985/FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	1 % to 95 %
743	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Rodent Excreta, Presence of Mould	FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	Qualitative
744	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Saccharin Sodium	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative



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<b>Permanent Facility</b>					
745	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Saffrole	In House Validated Method (MBT/CL/SOP/071) (Issue No./Date : 01/06.08.2014): 2014	0.5 to 50
746	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Salt as NaCl	AOAC 950.52, 20thEdn, : 2016	0.25 % to 10 %
747	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Shrivelled / Shrunken / Broken	IS 4333 : (Part-II) 2002 RA: 2012	0.01 % to 20 %
748	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Soluble Dietary Fibre	AOAC 20thEdn., 991.43: 2012	0.01 % to 95 %
749	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Starch	FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	0.1 % to 80 %
750	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Sugar as Surcose	AOAC 20th Edn. 975.14/ 939.03: 2016	0.1 % to 5.0 %
751	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Sulphur dioxide as SO <sub>2</sub>	AOAC 20thEdn., 990.28: 2016	10 to 80
752	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Test for Added Colour	FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	Qualitative



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<b>Permanent Facility</b>					
753	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Test for Added Natural Colours (Caramel, Cochineal, Curcumin or turmeric ,AnnatoChlorophyll, , Betanin)	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative
754	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Test for Added Synthetic Colours and Inorganic Colouring Matter (Erythrosine, Carmoisine, Ponceau 4R, Fast green FCF, Indigo carmine, Brilliant blue FCF, Sunset Yellow FCF, Tartrazine	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative
755	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Test for Mineral Oil	IS 548 : (Part-II) 1976 RA : 2010	Qualitative
756	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Total Ash	FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	0.1 % to 10.0 %
757	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Total Dietary Fibre	AOAC 20thEdn., 991.43: 2012	0.01 % to 95 %
758	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Total Solids	IS 12711: 1989 /IS 1483: 1988	1 % to 90 %





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759	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses and cereal Products	Uric Acid	In House Validated Method (MBT/CL/SOP/076) (Issue No./Date : 01/06.08.2014): 2014	1.0 to 5.0
760	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Acid Insoluble Ash	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	0.03 % to 0.5 %
761	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Aflatoxin B1	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.50 to 10
762	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Aflatoxin B2	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.50 to 10
763	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Aflatoxin G1	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2014	0.50 to 10
764	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Aflatoxin G2	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.50 to 10



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<b>Permanent Facility</b>					
765	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Alkalinity of water soluble extract expressed as KOH	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	0.25 % to 4.0 %
766	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Caffeine	In House Validated Method (MBT/CL/SOP/085) (Issue No./Date : 01/06.08.2014): 2014	0.01 % to 10 %
767	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Copper as Cu	In House Validated Method(MBT/CL/SOP/ 091) (Issue No./Date : 01/06.08.2014): 2014	0.250 to 25
768	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	coffee	Crude Fibre	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	1.0 % to 35.0 %
769	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Iron Filings	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	1 to 500
770	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Lead as Pb	In House Validated Method(MBT/CL/SOP/ 091) (Issue No./Date : 01/06.08.2014): 2014	0.200 to 10



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771	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Mercury as Hg	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.010 to 10
772	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Methyl Mercury	In House Validated Method(MBT/CL/SOP/477) (Issue No./Date : 01/01.12.2016): 2016	0.05 to 2.5
773	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Moisture	FSSAI Lab Manual-4-Beverages,Sugar and Sugar Products & Convectionary Products: 2016	0.1 % to 7.0 %
774	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Rodent Hair & Excreta	FSSAI Lab Manual-3-Cereal and Cereal Products: 2016	Qualitative
775	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Solubility in Hot Water	FSSAI Lab Manual-4-Beverages,Sugar and Sugar Products & Convectionary Products: 2016	Qualitative
776	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Test for Added Natural Colours (Caramel, Cochineal, Curcumin or turmeric ,AnnatoChlorophyll, , Betanin)	FSSAI Lab Manual -8-Food Additives : 2016	Qualitative



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777	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Test for Added Synthetic Colours and Inorganic Colouring Matter (Erythrosine, Carmoisine, Ponceau 4R, Fast green FCF, Indigo carmine, Brilliant blue FCF, Sunset Yellow FCF, Tartrazine	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative
778	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Test of Chicory	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	Qualitative
779	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Total Ash	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	0.5 % to 10.0 %
780	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Water extract	AOAC 910.104, 20thEdn,: 2016	1.0 % to 40 %
781	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Water insoluble Ash of Total Ash	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	15 % to 80 %



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782	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Water soluble Ash of Total ash	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	15 % to 80 %
783	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Acid Value	IS 548 : (Part-1) 1964 (RA 2010)/FSSAI Lab Manual-2- Oil & Fats : 2016	0.01 % to 10 %
784	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Allylithiocyanate	IS 548 : (Part-1) 1964 RA : 2010	0.01 % to 0.600 %
785	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Beliers Turbidity Temperature	IS 548: 1976 (Part 2)(RA 2010)/FSSAI Lab Manual -2- Oil & Fats: 2016	10 to 80
786	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	BHA	In House Validated Method (MBT/CL/SOP/073) (Issue No./Date : 01/06.08.2014): 2014	10 to 100
787	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	BHT	In House Validated Method (MBT/CL/SOP/073) (Issue No./Date : 01/06.08.2014): 2014	10 to 100
788	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	ButyroRefractometer Reading @40oC	IS 548 : (Part-1) 1964 (RA 2010)/FSSAI Lab Manual-2- Oil & Fats : 2016	20.0 % to 100 %





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789	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Cloud point	IS 548 : (Part-1) 1964 (RA 2010)/FSSAI Lab Manual-2- Oil & Fats : 2016	23 to 4
790	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Flash Point ( Polensky Marten closed cup method)	IS 548 : (Part-1) 1964 (RA 2010)/FSSAI Lab Manual-2- Oil & Fats : 2016	25 to 350
791	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Free Fatty Acid	IS 548 : (Part-1) 1964 (RA 2010)/ FSSAI Lab Manual -2- Oil & Fats: 2016	0.01 % to 10.0 %
792	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Hexane Residue	In House Validated Method (MBT/CL/SOP/231) (Issue No./Date : 01/06.08.2014): 2014	0.1 to 1500
793	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Insoluble Impurities	IS 548 : 1964 (Part 1) RA : 2010	0.1 % to 2 %
794	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Insoluble Volatile Fatty Acids (Polenske Value)	IS 548 : (Part-1) 1964 (RA 2010)/FSSAI Lab Manual-2- Oil & Fats : 2016	1 % to 18 %
795	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Iodine Value	IS 548 : (Part-1) 1964 (RA 2010), FSSAI Lab Manual -2-Oil & Fats: 2016	5.0 % to 150 %



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796	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Melting Point (Open tube Capillary Tube Method)	AOAC 20thEdn, 920.157 / FSSAI Lab Manual- 2-Oil & Fats: 2016	20 to 80
797	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Methyl Mercury	In House Validated Method(MBT/CL/SOP/477) (Issue No./Date : 01/01.12.2016): 2016	0.05 to 2.5
798	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Moisture	IS 548 : (Part-1) 1964 (RA 2010)/ FSSAI Lab Manual -2- Oil & Fats : 2016	0.05 % to 10 %
799	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Monounsaturated Fatty Acids	In House Validated Method (MBT/CL/SOP/074) (Issue No./ Date : 01/06.08.2014): 2014	0.1 % to 50 %
800	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Oryzanol Content	In House Validated Method (MBT/CL/SOP/478) (Issue No./ Date : 01/06.08.2014): 2014	0.5 % to 5 %
801	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Peroxide Value	IS 548 : (Part-1) 1964 (RA 2010), FSSAI Lab Manual -2- Oil & Fats : 2016	0.01 to 20
802	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Phosphorous content	AOCS (1989), Official Method Ca 12-55/FSSAI Lab Manual-2- Oil & Fats : 2016	0.01 % to 0.03 %



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803	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Polybromide Test	FSSAI Lab Manual-2- Oil & Fats : 2016	Qualitative
804	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Polyunsaturated Fatty Acids	In House Validated Method (MBT/CL/SOP/074) (Issue No./ Date : 01/06.08.2014): 2014	0.1 % to 50 %
805	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Refractive Index	IS 548 : (Part-1) 1964 (RA 2010), FSSAI Lab Manual -2- Oil & Fats : 2016	1.4377 % to 1.4895 %
806	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Saponification Value	IS 548 : (Part-1) 1964 (RA 2010), FSSAI Lab Manual -2-Oil & Fats : 2016	10 % to 300 %
807	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Saturated Fatty Acids	In House Validated Method (MBT/CL/SOP/074) (Issue No./ Date : 01/06.08.2014): 2014	0.1 % to 50 %
808	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Semi Siccative Oil Test	FSSAI Lab Manual-2- Oil & Fats : 2016	Qualitative
809	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Specific Gravity	IS 548 : (Part-1) 1964 (RA 2010)/ FSSAI Lab Manual -2- Oil & Fats : 2016	0.5 % to 1.5 %



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810	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	TBHQ	In House Validated Method (MBT/CL/SOP/073) (Issue No./Date : 01/06.08.2014): 2014	10 to 100
811	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Teaseed Oil Test	FSSAI Lab Manual-2- Oil & Fats : 2016	Qualitative
812	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Test for Added Natural Colours (Caramel, Cochineal, Curcumin or turmeric ,AnnatoChlorophyll, , Betanin)	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative
813	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Test for Added Synthetic Colours and Inorganic Colouring Matter (Erythrosine, Carmoisine, Ponceau 4R, Fast green FCF, Indigo carmine, Brilliant blue FCF, Sunset Yellow FCF, Tartrazine)	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative
814	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Test for Argemone Oil	IS 548 : (Part-II) 1976 (RA 2010)/FSSAI Lab Manual-2- Oil & Fats : 2016	Qualitative



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815	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Test for Castor Oil	IS 548 : (Part-II) 1976 (RA 2010)/FSSAI Lab Manual-2- Oil & Fats : 2016	Qualitative
816	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Test for Cotton Seed Oil (Halphen's Test)	IS 548 : (Part-II) 1976 (RA 2010)/FSSAI Lab Manual-2- Oil & Fats : 2016	Qualitative
817	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Test for Ground Nut Oil [BTT Test (BellierTurbidity Temperature – Acetic Acid Method)]	IS 548 : (Part-II) 1976 (RA 2010)/FSSAI Lab Manual-2- Oil & Fats : 2016	10.0 to 41.0
818	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Test for Linseed Oil	IS 548 : 1976 (Part 2) RA : 2010	Qualitative
819	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Test for Mineral Oil	IS 548 : (Part-II) 1976 (RA 2010)/FSSAI Lab Manual-2- Oil & Fats : 2016	Qualitative
820	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Test for Mustard Oil	IS 548 : 1976 (Part 2) RA: 2010	Qualitative
821	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Test for Olive Residue (Pomace) oil	FSSAI Lab Manual-2- Oil & Fats : 2016	Qualitative
822	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Test for presence of Beef Fat in Lard (Pork Fat)	FSSAI Lab Manual-2- Oil & Fats : 2016	Qualitative





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823	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Test for presence of Beef Fat in Lard (Pork Fat)	FSSAI Lab Manual-2- Oil & Fats : 2016	Qualitative
824	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Test for presence of Karanja (Pongamia glabra) Oil	FSSAI Lab Manual-2- Oil & Fats : 2016	Qualitative
825	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Test for Rancidity	FSSAI Instruction Manual - Part II (Methods for Detection of Adulterants): 2016	Qualitative
826	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Test for Refined Winterized Salad Oil – Cold Test	FSSAI Lab Manual-2- Oil & Fats : 2016	Qualitative
827	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Test for Rice Bran Oil	FSSAI Lab Manual-2- Oil & Fats : 2016	Qualitative
828	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Test for Sesame Oil (Baudouin Test)	IS 548 : (Part-II) 1976 (RA 2010)/FSSAI Lab Manual-2- Oil & Fats : 2016	Qualitative
829	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Test for Tri-orthocresyl Phosphate	Adulterants and Contaminants in Foods ICMR (1990)/FSSAI Lab Manual-2- Oil & Fats : 2016	Qualitative
830	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Total Fat	IS 12451 : 1988 RA : 1992	0.1 % to 99.9 %



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831	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Total Soluble Fatty Acids (Reichert Value)	IS 548 : 1964 (Part 1) RA : 2010	10 % to 50 %
832	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Trans Fatty Acids	In House Validated Method (MBT/CL/SOP/074) (Issue No./ Date : 01/06.08.2014): 2014	0.1 % to 50 %
833	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Unsaponifiable Matter	IS 548 : (Part-1) 1964 (RA 2010)/ FSSAI Lab Manual -2-Oil & Fats : 2016	0.1 % to 5.0 %
834	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils and Fats	Volatile Matter	IS 548 : 1964 (Part 1) RA : 2010	0.01 % to 0.5 %
835	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Egg and Egg Products – Raw egg, egg powder, whole egg powder, Albumin & yoke.	Aflatoxin B1	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
836	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Egg and Egg Products – Raw egg, egg powder, whole egg powder, Albumin & yoke.	Aflatoxin B2	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
837	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Egg and Egg Products – Raw egg, egg powder, whole egg powder, Albumin & yoke.	Aflatoxin G1	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10



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838	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Egg and Egg Products – Raw egg, egg powder, whole egg powder, Albumin & yoke.	Aflatoxin G2	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
839	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Egg and Egg Products – Raw egg, egg powder, whole egg powder, Albumin & yoke.	Benzoic Acid & as Sodium benzoate, Potassium benzoate	In House Validated Method (MBT/CL/SOP/083) (Issue No./Date : 01/06.08.2014): 2014	2.5 to 25
840	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Egg and Egg Products – Raw egg, egg powder, whole egg powder, Albumin & yoke.	Carbohydrate	FSSAI Lab Manual-1- Milk and Milk Products: 2016	0.1 % to 70 %
841	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Egg and Egg Products – Raw egg, egg powder, whole egg powder, Albumin & yoke.	Cholesterol	In House Validated Method (MBT/CL/SOP/075) (Issue No./Date : 01/06.08.2014): 2014	0.1 to 500
842	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Egg and Egg Products – Raw egg, egg powder, whole egg powder, Albumin & yoke.	Energy	FSSAI Lab Manual-1- Milk and Milk Products: 2016	50 to 800
843	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Egg and Egg Products – Raw egg, egg powder, whole egg powder, Albumin & yoke.	Fat	FSSAI Lab Manual--6- meat and Meat Products & fish and Fish Products : 2016	0.1 % to 65 %



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844	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Egg and Egg Products – Raw egg, egg powder, whole egg powder, Albumin & yoke.	Free Fatty Acids	FSSAI Lab Manual--6- meat and Meat Products & fish and Fish Products : 2016	0.1 % to 10 %
845	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Egg and Egg Products – Raw egg, egg powder, whole egg powder, Albumin & yoke.	Methyl Mercury	In House Validated Method(MBT/CL/SOP/ 477) (Issue No./Date : 01/01.12.2016): 2016	0.05 to 2.5
846	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Egg and Egg Products – Raw egg, egg powder, whole egg powder, Albumin & yoke.	Moisture	FSSAI Lab Manual--6- meat and Meat Products & fish and Fish Products : 2016	0.1 % to 70 %
847	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Egg and Egg Products – Raw egg, egg powder, whole egg powder, Albumin & yoke.	pH	FSSAI Lab Manual--6- meat and Meat Products & fish and Fish Products : 2016	1 to 14
848	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Egg and Egg Products – Raw egg, egg powder, whole egg powder, Albumin & yoke.	Phosphate residue as PO <sub>4</sub>	FSSAI Lab Manual--6- meat and Meat Products & fish and Fish Products : 2016	0.01 % to 2 %
849	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Egg and Egg Products – Raw egg, egg powder, whole egg powder, Albumin & yoke.	Protein	FSSAI Lab Manual--6- meat and Meat Products & fish and Fish Products : 2016	0.1 % to 85 %



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Laboratory Name MONARCH NUCLEAR COUNTING LABORATORY (A UNIT OF MONARCH BIOTECH PVT LTD), 37- A SIDCO INDUSTRIAL ESTATE, THIRUMAZHISAI, CHENNAI, TAMIL NADU , INDIA

Accreditation Standard ISO/IEC 17025:2017

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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
<b>Permanent Facility</b>					
850	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Egg and Egg Products – Raw egg, egg powder, whole egg powder, Albumin & yoke.	Salt as NaCl	FSSAI Lab Manual--6- meat and Meat Products & fish and Fish Products : 2016	0.1 % to 10 %
851	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Egg and Egg Products – Raw egg, egg powder, whole egg powder, Albumin & yoke.	Sorbic Acid & as Sodium sorbate, Potassium sorbate	In House Validated Method (MBT/CL/SOP/083) (Issue No./Date : 01/06.08.2014): 2014	2.5 to 25
852	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Egg and Egg Products – Raw egg, egg powder, whole egg powder, Albumin & yoke.	Total Ash	FSSAI Lab Manual--6- meat and Meat Products & fish and Fish Products : 2016	0.1 % to 10 %
853	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Formol Titration For Differentiation Between Brewed & Syn Vinegar	FSSAI Lab Manual -5- Fruit and vegetables: 2016	Qualitative(NA)
854	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Acesulphame K	FSSAI Lab Manual -5- Fruit and Vegetables: 2016	Qualitative
855	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Acid Insoluble Ash	IS 13846 : 2009, IS 4624 : 1978 RA : 2005	0.01 % to 3 %
856	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Acidity of Extracted Fat	IS 548 (Part 1): 1964	0.01 % to 25 %





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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
<b>Permanent Facility</b>					
857	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Added Sugar / Total Sugar	IS 3881 : 1993 (RA 2008)/FSSAI Lab Manual -5- Fruit and Vegetables: 2016	1 % to 85 %
858	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Aflatoxin B1	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
859	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Aflatoxin B2	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
860	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Aflatoxin G1	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
861	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Aflatoxin G2	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 25
862	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Aspartame	FSSAI Lab Manual -5- Fruit and Vegetables: 2016	Qualitative



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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
<b>Permanent Facility</b>					
863	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Benzoic Acid and its Sodium, Calcium & Potassium salts as Benzoic Acid	In House Validated Method (MBT/CL/SOP/083) (Issue No./ Date : 01/06.08.2014): 2014	2.5 to 25
864	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Brix (Total Soluble Solids)	AOAC 20thEdn, 932.12, IS 5861 : 1993: 2016	1 % to 99 %
865	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Carbohydrates	IS 1656 : 2007	2 % to 80 %
866	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Chloride as Sodium Chloride	IS 3881 : 1993 RA: 2008	0.01 % to 20 %
867	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Fat	IS 6287 : 1985	0.1 % to 30 %
868	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Free from mustiness and rancidity	DJS CRS 35 : 2010, ICS 67.220, IS 2322: 2010, IS 5452 : 2008 RA : 2009	Qualitative
869	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Methyl Mercury	In House Validated Method(MBT/CL/SOP/ 477) (Issue No./Date : 01/01.12.2016): 2016	0.05 to 2.5
870	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Mineral Impurities	IS 13816 : 2009/FSSAI Lab Manual -5- Fruit and Vegetables: 2016	1 % to 20 %



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<b>Permanent Facility</b>					
871	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Moisture	IS 4624 : 1978 (RA 2005), IS 4627 : 1968 (RA 2009)/FSSAI Lab Manual -5- Fruit and Vegetables: 2016	0.5 % to 95 %
872	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Nitrogen	FSSAI Lab Manual -5- Fruit and Vegetables: 2016	0.1 % to 30 %
873	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Peroxidase Test	IS 4627 : 1968, IS 4624 : 1978, IS 4625 : 1968	Qualitative
874	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	pH	IS 3881 : 1993 RA : 2008	1 to 14
875	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Protein	IS 7219 : 1973 (RA 2005)/FSSAI Lab Manual -5- Fruit and Vegetables: 2016	0.5 % to 50 %
876	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Reducing Sugar	FSSAI Lab Manual -5- Fruit and Vegetables: 2016	1 % to 85 %
877	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Saccharin Sodium	FSSAI Lab Manual -5- Fruit and Vegetables: 2016	Qualitative
878	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Sorbic acid and its Sodium, Calcium & Potassium salts as Sorbic Acid	In House Validated Method (MBT/CL/SOP/083) (Issue No./ Date : 01/06.08.2014): 2014	2.5 to 25



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<b>Permanent Facility</b>					
879	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Starch	IS 4706 (Part 2) : 1978 RA : 2005	1 % to 95 %
880	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Sulphur dioxide	AOAC 20thEdn., 990.28: 2016	10 to 80
881	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Test for Added Natural Colours (Caramel, Cochineal, Curcumin or turmeric ,AnnatoChlorophyll, , Betanin)	FSSAI Lab Manual -8- Food Additives: 2016	Qualitative
882	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Test for Added Synthetic Colours and Inorganic Colouring Matter (Erythrosine, Carmoisine, Ponceau 4R, Fast green FCF, Indigo carmine, Brilliant blue FCF, Sunset Yellow FCF, Tartrazine,	FSSAI Lab Manual -8- Food Additives: 2016	Qualitative
883	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Total Ash	IS 4624 : 1978 (RA 2005), IS 3500 : 1966 RA : 2005	0.1 % to 15 %
884	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Total Solids	IS 14703 : 1999	1 % to 99 %



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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
<b>Permanent Facility</b>					
885	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits and Fruit Products	Volatile Acidity	IS 3881 : 1993 (RA 2008)/FSSAI Lab Manual -5- Fruit and Vegetables: 2016	0.01 % to 10 %
886	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Arsenic as As	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.010 to 10
887	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Cadmium as Cd	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.100 to 10
888	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Chlorpyrifos	In House Validated Method (MBT/CL/SOP/072) (Issue No./Date : 01/06.08.2014): 2014	0.01 to 10
889	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Copper as Cu	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.250 to 10
890	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Ethion	In House Validated Method (MBT/CL/SOP/072) (Issue No./Date : 01/06.08.2014): 2014	0.01 to 10
891	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Lead as Pb	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.200 to 10





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<b>Permanent Facility</b>					
892	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Malathion (Sum of Malathion & Malaoxon)	In House Validated Method (MBT/CL/SOP/072) (Issue No./Date : 01/06.08.2014): 2014	0.01 to 10
893	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Mercury as Hg	In House Validated Method (MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.010 to 10
894	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Methyl Mercury	In House Validated Method (MBT/CL/SOP/477) (Issue No./Date : 01/01.12.2016): 2016	0.05 to 2.5
895	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Monocrotophos	In House Validated Method (MBT/CL/SOP/072) (Issue No./Date : 01/06.08.2014): 2014	0.01 to 10
896	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Phorate	In House Validated Method (MBT/CL/SOP/072) (Issue No./Date : 01/06.08.2014): 2014	0.01 to 10
897	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Phoratesulfone	In House Validated Method (MBT/CL/SOP/072) (Issue No./Date : 01/06.08.2014): 2014	0.01 to 10



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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
<b>Permanent Facility</b>					
898	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Phoratesulfoxide	In House Validated Method (MBT/CL/SOP/072) (Issue No./Date : 01/06.08.2014): 2014	0.01 to 10
899	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Tin as Sn	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.250 to 10
900	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Vanillin	In House Validated Method(MBT/CL/SOP/470) (Issue No./Date : 01/01.12.2016): 2016	1 to 100
901	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Zinc as Zn	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.250 to 15
902	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, & Condiments	Acid Insoluble Ash	FSSAI Lab Manual-10- Spices and Condiments : 2016	0.1 % to 3.0 %
903	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, & Condiments	Aflatoxin – B1	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
904	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, & Condiments	Aflatoxin – B2	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10



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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
<b>Permanent Facility</b>					
905	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Aflatoxin – G1	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
906	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Aflatoxin – G2	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
907	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Alcoholic Soluble Extract	FSSAI Lab Manual-10- Spices and Condiments : 2016	0.5 % to 10 %
908	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Aldrin	In House Validated Method (MBT/CL/SOP/072) (Issue No./Date : 01/06.08.2014): 2014	0.01 to 10
909	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Ammonicum resin	IS 7807 : 1975 RA : 2009	Qualitative
910	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Any other foreign resin	IS 7807 : 1975 RA : 2009	Qualitative
911	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	ASTA Colour	In House Validated Method (MBT/CL/SOP/301) (Issue No./Date : 01/06.08.2014): 2014	15 ASTA unit to 4000 ASTA unit



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<b>Permanent Facility</b>					
912	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Benzoic Acid and its Sodium, Calcium & Potassium salts as Benzoic Acid	In House Validated Method (MBT/CL/SOP/083) (Issue No./ Date : 01/06.08.2014): 2014	2.5 to 25
913	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Black / Gray Berries	FDA 9(2535)C, ICS 67.220.10: 2015	0.1 % to 20 %
914	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Broken Berries	FDA 9(2535)C, ICS 67.220.10: 2015	0.1 % to 5 %
915	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Calcium oxide as CaO	FSSAI Lab Manual-10- Spices and Condiments : 2016	0.05 % to 4.0 %
916	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Capsaicin	In House Validated Method (MBT/CL/SOP/080) (Issue No./Date : 01/06.08.2014): 2014	0.1 % to 10 %
917	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Carbohydrates	FSSAI Lab Manual-10- Spices and Condiments : 2016	10 % to 80 %
918	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Coal Tar Dyes	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative
919	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Cold Water Soluble Extract	FSSAI Lab Manual-10- Spices and Condiments : 2016	1.0 % to 20.0 %



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<b>Permanent Facility</b>					
920	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Colophony resin	IS 7807 : 1975 RA : 2009	Qualitative
921	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Coumarin	In House Validated Method (MBT/CL/SOP/077) (Issue No./Date : 01/06.08.2014): 2014	0.1 to 5000
922	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Crude fiber	FSSAI Lab Manual-10- Spices and Condiments : 2016	1.0 % to 35.0 %
923	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Curcumin Content	In House Validated Method (MBT/CL/SOP/081) (Issue No./Date : 01/06.08.2014): 2014	0.1 % to 5.0 %
924	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Damaged by discoloured unit	IS 4404 : 2010	0.1 % to 1.0 %
925	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Damaged Slices	FAD 09 - 2721 C : 2015	Qualitative
926	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Dieldrin	In House Validated Method (MBT/CL/SOP/072) (Issue No./Date : 01/06.08.2014): 2014	0.01 to 10





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<b>Permanent Facility</b>					
927	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Dieldrin	In House Validated Method (MBT/CL/SOP/072) (Issue No./Date : 01/06.08.2014): 2014	0.01 to 10
928	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Energy	FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	50 to 800
929	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Extraneous Matter and Filth	FSSAI Lab Manual-10- Spices and Condiments : 2016	0.1 % to 5.0 %
930	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Floral Waste	FSSAI Lab Manual-10- Spices and Condiments : 2016	0.1 % to 10 %
931	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Galbanum resin	IS 7807 : 1975 RA : 2009	Qualitative
932	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Headless Cloves	IS 4404 : 2010	0.1 % to 1.0 %
933	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Insect Damaged Matter	Visual Method: 2016	Qualitative
934	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Insect Fragments	Visual Method: 2016	Qualitative
935	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Khokar Cloves	IS 4404 : 2010	0.1 % to 1.0 %



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<b>Permanent Facility</b>					
936	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Light Berries	IS 1798 : 2010	0.1 % to 20 %
937	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Live & Dead Insects, Fragments	Visual Method: 2016	Qualitative
938	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Mineral Oil	FSSAI Lab Manual-10- Spices and Condiments : 2016	Qualitative
939	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Moisture (Dean & Stork Toluene distillation Method)	FSSAI Lab Manual-10- Spices and Condiments : 2016	0.25 % to 15 %
940	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Mouldy Berries	ISO 105 : 2007	0.1 % to 5 %
941	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Non Volatile Ether Extract	FSSAI Lab Manual-10- Spices and Condiments : 2016	3.0 % to 25.0 %
942	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Peroxidase Test	FSSAI Lab Manual -5- Manual of Methods of Analysis of Foods – Fruit and Vegetable : 2016	Qualitative
943	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Pin heads	ISO 105 : 2007	0.1 % to 5 %



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<b>Permanent Facility</b>					
944	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Piperine	In House Validated Method (MBT/CL/SOP/079) (Issue No./Date : 01/06.08.2014): 2016	0.1 % to 20 %
945	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Protein	AOAC 20thEdn., 920.173: 2016	0.1 % to 30 %
946	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Rodent hair & Excreta	FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	Qualitative
947	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Salt as NaCl	IS 1797 :1985 RA : 2009	0.1 % to 10 %
948	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Scoville Heat Unit	In House Validated Method (MBT/CL/SOP/080) (Issue No./Date : 01/06.08.2014): 2014	500 to 200000
949	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Seed Coating	FAD 09 - 2721 C : 2015	Qualitative
950	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Shrivelled / Damaged / Insect Damaged / Broken Fruit	IS 4403 : 2010 / IS 2447 : 2010	Qualitative
951	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Sorbic acid and its Sodium, Calcium & Potassium salts as Sorbic Acid	In House Validated Method (MBT/CL/SOP/083) (Issue No./ Date : 01/06.08.2014): 2014	2.5 to 25

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



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<b>Permanent Facility</b>					
952	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Starch	FSSAI Lab Manual-10- Spices and Condiments : 2016	15 % to 80 %
953	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Sudan I	In House Validated Method (MBT/CL/SOP/078) (Issue No./Date : 01/06.08.2014): 2014	0.01 to 0.30
954	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Sudan II	In House Validated Method (MBT/CL/SOP/078) (Issue No./Date : 01/06.08.2014): 2014	0.01 to 0.30
955	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Sudan III	In House Validated Method (MBT/CL/SOP/078) (Issue No./Date : 01/06.08.2014): 2014	0.01 to 0.30
956	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Sudan IV	In House Validated Method (MBT/CL/SOP/078) (Issue No./Date : 01/06.08.2014): 2014	0.01 to 0.30
957	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Sulphur di oxide	AOAC 20thEdn., 990.28: 2016	10 to 80
958	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Tendrils, Mother Cloves	IS 4404 : 2010	0.1 % to 1.0 %



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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
<b>Permanent Facility</b>					
959	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Test for Added Colour	IS 1699 : 1995 RA : 2009	Qualitative
960	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Test for Added Natural Colours (Caramel, Cochineal, Curcumin or turmeric ,AnnatoChlorophyll, , Betanin)	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative
961	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Test for Added Synthetic Colours and Inorganic Colouring Matter (Erythrosine, Carmoisine, Ponceau 4R, Fast green FCF, Indigo carmine, Brilliant blue FCF, Sunset Yellow FCF, Tartrazine,	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative
962	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Test for Lead Chromate	FSSAI Lab Manual-10- Spices and Condiments : 2016	Qualitative
963	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Test for off flavor, Mustiness, Fermentation and Rancidity	IS 5452 : 2008 RA : 2009	Qualitative
964	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Total Ash	FSSAI Lab Manual-10- Spices and Condiments : 2016	1.0 % to 15.0 %





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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
<b>Permanent Facility</b>					
965	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Total Nitrogen dry basis	FSSAI Lab Manual-10- Spices and Condiments : 2016	0.1 % to 30 %
966	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Volatile Oil Content	FSSAI Lab Manual-10- Spices and Condiments : 2016	0.05 % to 1.5 %
967	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, Spices, &Condiments	Water Insoluble Ash	IS 1797 : 1985 RA: 2009	0.3 % to 5 %
968	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey and Honey Products	Acidity	IS 4941 : 1994 (RA 2008)/FSSAI Lab Manual-4- Beverages,Sugar and Sugar Products & Convectionary Products: 2016	0.01 % to 2.0 %
969	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey and Honey Products	Arsenic as As	In House Validated Method(MBT/CL/SOP/ 091) (Issue No./Date : 01/06.08.2014): 2014	0.010 to 10
970	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey and Honey Products	Cadmium as Cd	In House Validated Method(MBT/CL/SOP/ 091) (Issue No./Date : 01/06.08.2014): 2014	0.100 to 10
971	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey and Honey Products	Copper as Cu	In House Validated Method(MBT/CL/SOP/ 091) (Issue No./Date : 01/06.08.2014): 2016	0.250 to 10



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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
<b>Permanent Facility</b>					
972	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey and Honey Products	Fiehe's Test	IS 4941 : 1994 (RA 2008)/FSSAI Lab Manual-4- Beverages,Sugar and Sugar Products & Convectionary Products: 2016	Qualitative
973	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey and Honey Products	Fructose – Glucose Ratio	IS 4941 : 1994 (RA 2008)/FSSAI Lab Manual-4- Beverages,Sugar and Sugar Products & Convectionary Products: 2016	0.1 % to 3.0 %
974	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey and Honey Products	Hydroxy Methyl Furfural	IS 4941 : 1994 (RA 2008)/FSSAI Lab Manual-4- Beverages,Sugar and Sugar Products & Convectionary Products: 2016	0.1 to 50
975	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey and Honey Products	Lead as Pb	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.200 to 10
976	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey and Honey Products	Mercury as Hg	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.010 to 10



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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
<b>Permanent Facility</b>					
977	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey and Honey Products	Methyl Mercury	In House Validated Method(MBT/CL/SOP/477) (Issue No./Date : 01/01.12.2016): 2016	0.05 to 2.5
978	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey and Honey Products	Moisture	IS 4941 : 1994 (RA 2008)/FSSAI Lab Manual-4- Beverages,Sugar and Sugar Products & Convectionary Products: 2016	19 % to 30 %
979	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey and Honey Products	Optical density at 660 nm	IS 4941 : 1994 (RA 2008)/FSSAI Lab Manual-4- Beverages,Sugar and Sugar Products & Convectionary Products: 2016	0.001 % to 0.800 %
980	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey and Honey Products	Sp. Gravity @ 27oC	IS 4941 : 1994 (RA 2008)/FSSAI Lab Manual-4- Beverages,Sugar and Sugar Products & Convectionary Products: 2016	1.25 % to 1.5 %



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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
<b>Permanent Facility</b>					
981	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey and Honey Products	Sucrose	IS 4941 : 1994 (RA 2008)/FSSAI Lab Manual-4- Beverages,Sugar and Sugar Products & Convectionary Products: 2016	0.1 % to 80 %
982	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey and Honey Products	Test for Added Natural Colours (Caramel, Cochineal, Curcumin or turmeric ,AnnatoChlorophyll, , Betanin)	FSSAI Lab Manual -8- Food Additives: 2016	Qualitative
983	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey and Honey Products	Test for Added Synthetic Colours and Inorganic Colouring Matter (Erythrosine, Carmoisine, Ponceau 4R, Fast green FCF, Indigo carmine, Brilliant blue FCF, Sunset Yellow FCF, Tartrazine,	FSSAI Lab Manual -8- Food Additives: 2016	Qualitative
984	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey and Honey Products	Test for Added Synthetic Colours and Inorganic Colouring Matter (Erythrosine, Carmoisine, Ponceau 4R, Fast green FCF, Indigo carmine, Brilliant blue FCF, Sunset Yellow FCF, Tartrazine,	FSSAI Lab Manual -8- Food Additives: 2016	Qualitative



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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
<b>Permanent Facility</b>					
985	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey and Honey Products	Total Ash	IS 4941 : 1994 (RA 2008)/FSSAI Lab Manual-4- Beverages,Sugar and Sugar Products & Convectionary Products: 2016	0.1 % to 0.5 %
986	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey and Honey Products	Total Reducing Sugar	IS 4941 : 1994 (RA 2008)/FSSAI Lab Manual-4- Beverages,Sugar and Sugar Products & Convectionary Products: 2016	20 % to 80 %
987	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt [IS 7224 : 2006]Edible Common Salt [IS 253 : 2014]	Iodine Content	IS 7224 : 2006	0.1 to 50
988	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt [IS 7224 : 2006]Edible Common Salt [IS 253 : 2014]	Methyl Mercury	In House Validated Method(MBT/CL/SOP/ 477) (Issue No./Date : 01/01.12.2016): 2016	0.05 to 2.5
989	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt [IS 7224 : 2006]Edible Common Salt [IS 253 : 2014]	Acid Insoluble Matter	IS 253 : 2014	0.01 % to 1 %
990	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt [IS 7224 : 2006]Edible Common Salt [IS 253 : 2014]	Arsenic as As	In House Validated Method(MBT/CL/SOP/ 091) (Issue No./Date : 01/06.08.2014): 2014	0.010 to 10





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<b>Permanent Facility</b>					
991	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt [IS 7224 : 2006]Edible Common Salt [IS 253 : 2014]	Calcium	IS 7224 : 2006 / IS 253: 2014	0.025 % to 2 %
992	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt [IS 7224 : 2006]Edible Common Salt [IS 253 : 2014]	Copper as Cu	In House Validated Method(MBT/CL/SOP/ 091) (Issue No./Date : 01/06.08.2014): 2014	0.250 to 10
993	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt [IS 7224 : 2006]Edible Common Salt [IS 253 : 2014]	Iron as Fe	In House Validated Method(MBT/CL/SOP/ 091) (Issue No./Date : 01/06.08.2014): 2014	0.250 to 20
994	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt [IS 7224 : 2006]Edible Common Salt [IS 253 : 2014]	Lead as Pb	In House Validated Method(MBT/CL/SOP/ 091) (Issue No./Date : 01/06.08.2014): 2014	0.200 to 10
995	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt [IS 7224 : 2006]Edible Common Salt [IS 253 : 2014]	Magnesium	IS 7224 : 2006 / IS 253 : 2014	0.025 % to 1 %
996	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt [IS 7224 : 2006]Edible Common Salt [IS 253 : 2014]	Moisture	IS 7224 : 2006 / IS 253 : 2014	0.01 % to 5 %
997	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt [IS 7224 : 2006]Edible Common Salt [IS 253 : 2014]	Sodium chloride	IS 7224 : 2006 / IS 253 : 2014	50 % to 100 %
998	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt [IS 7224 : 2006]Edible Common Salt [IS 253 : 2014]	Sulphates as SO <sub>4</sub>	IS 7224 : 2006 / IS 253 : 2014	0.1 to 1



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<b>Permanent Facility</b>					
999	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt [IS 7224 : 2006]Edible Common Salt [IS 253 : 2014]	Water Insoluble Matter	IS 7224 : 2006 / IS 253 : 2014	0.01 % to 1 %
1000	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt [IS 7224 : 2006]Edible Common Salt [IS 253 : 2014]	Water Soluble Matter other than NaCl	IS 7224 : 2006 / IS 253 : 2014	0.01 % to 5 %
1001	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Acid Insoluble Ash	FSSAI Lab Manual-3-Cereal and Cereal Products: 2016	0.05 % to 25 %
1002	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Acidity	FSSAI Lab Manual-3-Cereal and Cereal Products: 2016	0.1 % to 10 %
1003	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Benzoic Acid & as Sodium benzoate, Potassium benzoate	In House Validated Method (MBT/CL/SOP/083) (Issue No./Date : 01/06.08.2014): 2014	2.5 to 250
1004	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Moisture	IS 3882 1966 RA : 2008	0.1 % to 90 %
1005	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Peroxide Value	IS 548 : (Part-1) 1964 RA : 2010	0.1 to 20
1006	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Salt as NaCl	FSSAI Lab Manual-3-Cereal and Cereal Products: 2016	0.1 % to 35 %



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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
<b>Permanent Facility</b>					
1007	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Sorbic Acid & as Sodium sorbate, Potassium sorbate	In House Validated Method (MBT/CL/SOP/083) (Issue No./Date : 01/06.08.2014): 2014	2.5 to 250
1008	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Total Ash	FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	2 % to 25 %
1009	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Total Solids	FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	0.1 % to 90 %
1010	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat & Meat Products	Incubation test @ 55°C	IS 2860-1964 RA : 2008	Qualitative
1011	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat & Meat Products	Incubation test @37°C	IS 2860-1964 RA : 2008	Qualitative
1012	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat & Meat Products	Listeria monocytogenes	USFDA-BAM Chapter 10: 2016	Qualitative
1013	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products -Canned, cooked, cured, pickled, sausage, poultry meat, ham, goat meat.	Aflatoxin B1	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
1014	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products -Canned, cooked, cured, pickled, sausage, poultry meat, ham, goat meat.	Aflatoxin B2	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10



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<b>Permanent Facility</b>					
1015	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products -Canned, cooked, cured, pickled, sausage, poultry meat, ham, goat meat.	Aflatoxin G1	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
1016	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products -Canned, cooked, cured, pickled, sausage, poultry meat, ham, goat meat.	Aflatoxin G2	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
1017	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products -Canned, cooked, cured, pickled, sausage, poultry meat, ham, goat meat.	Arsenic as As	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.010 to 10
1018	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products -Canned, cooked, cured, pickled, sausage, poultry meat, ham, goat meat.	Benzoic Acid & as Sodium benzoate, Potassium benzoate	In House Validated Method (MBT/CL/SOP/083) (Issue No./ Date : 01/06.08.2014): 2014	2.5 to 25
1019	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products -Canned, cooked, cured, pickled, sausage, poultry meat, ham, goat meat.	Cadmium as Cd	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.100 to 10
1020	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products -Canned, cooked, cured, pickled, sausage, poultry meat, ham, goat meat.	Carbohydrate	FSSAI Lab Manual-1- Milk and Milk Products: 2016	0.1 % to 70 %



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<b>Permanent Facility</b>					
1021	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products -Canned, cooked, cured, pickled, sausage, poultry meat, ham, goat meat.	Chloride as NaCl	IS 5960 Part 6 : 1997	0.01 % to 10 %
1022	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products -Canned, cooked, cured, pickled, sausage, poultry meat, ham, goat meat.	Cholesterol	In House Validated Method (MBT/CL/SOP/075) (Issue No./Date : 01/06.08.2014): 2014	0.1 to 50
1023	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products -Canned, cooked, cured, pickled, sausage, poultry meat, ham, goat meat.	Energy	FSSAI Lab Manual-1- Milk and Milk Products: 2016	50 to 800
1024	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products -Canned, cooked, cured, pickled, sausage, poultry meat, ham, goat meat.	Fat	IS 5960 Part 3 : 1970	0.1 % to 65 %
1025	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products -Canned, cooked, cured, pickled, sausage, poultry meat, ham, goat meat.	Free Fat content	IS 5960 Part 4 : 1997	0.1 % to 6.0 %
1026	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products -Canned, cooked, cured, pickled, sausage, poultry meat, ham, goat meat.	Lead as Pb	In House Validated Method(MBT/CL/SOP/ 091) (Issue No./Date : 01/06.08.2014): 2014	0.200 to 10





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<b>Permanent Facility</b>					
1027	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products -Canned, cooked, cured, pickled, sausage, poultry meat, ham, goat meat.	Mercury as Hg	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.010 to 10
1028	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products -Canned, cooked, cured, pickled, sausage, poultry meat, ham, goat meat.	Methyl Mercury	In House Validated Method(MBT/CL/SOP/477) (Issue No./Date : 01/01.12.2016): 2016	0.05 to 2.5
1029	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products -Canned, cooked, cured, pickled, sausage, poultry meat, ham, goat meat.	Moisture	IS 5960 Part 5 : 2001	0.1 % to 80 %
1030	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products -Canned, cooked, cured, pickled, sausage, poultry meat, ham, goat meat.	Protein	IS 5960 Part 1 : 1996	0.1 % to 85 %
1031	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products -Canned, cooked, cured, pickled, sausage, poultry meat, ham, goat meat.	Sorbic Acid & as Sodium sorbate, Potassium sorbate	In House Validated Method (MBT/CL/SOP/083) (Issue No./ Date : 01/06.08.2014): 2014	2.5 to 25
1032	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products -Canned, cooked, cured, pickled, sausage, poultry meat, ham, goat meat.	Test for Added Natural Colours (Caramel, Cochineal, Curcumin or turmeric ,AnnatoChlorophyll, , Betanin)	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative



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<b>Permanent Facility</b>					
1033	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products -Canned, cooked, cured, pickled, sausage, poultry meat, ham, goat meat.	Test for Added Synthetic Colours and Inorganic Colouring Matter (Erythrosine, Carmoisine, Ponceau 4R, Fast green FCF, Indigo carmine, Brilliant blue FCF, Sunset Yellow FCF, Tartrazine	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative
1034	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products -Canned, cooked, cured, pickled, sausage, poultry meat, ham, goat meat.	Tin as Sn	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.250 to 10
1035	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products -Canned, cooked, cured, pickled, sausage, poultry meat, ham, goat meat.	Total Ash	IS 5960 Part 2 : 2000	0.1 % to 10 %
1036	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products	Coliform	USFDA-BAM Chapter 4: 2013	3 to 1100
1037	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products	Coliform	IS 5401 (part 2) : 2012	Qualitative
1038	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products	Coliform	IS 5401 (part 2) : 2012	0.3 to 110



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1039	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products	Escherichia coli	USFDA-BAM Chapter 4: 2013	3 to 1100
1040	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products	Escherichia coli	IS 5887 part 1-1976 RA : 2009	0.3 to 110
1041	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products	Escherichia coli	IS 5887 part 1-1976 RA : 2009	Qualitative
1042	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	2,2',3,4,4',5'-Hexachlorobiphenyl	In House Validated Method(MBT/CL/SOP/090)IssueNo/Date:01/06.08.2014): 2014	10 to 1000
1043	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	2,2',3,5'-Tetrachlorobiphenyl	In House Validated Method(MBT/CL/SOP/090)IssueNo/Date:01/06.08.2014): 2014	10 to 1000
1044	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	2,2',3,3',4,4',5,5'-Octachlorobiphenyl	In House Validated Method(MBT/CL/SOP/090)IssueNo/Date:01/06.08.2014): 2014	10 to 1000
1045	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	2,2',3,3',4,4',5-obiphenyl	In House Validated Method(MBT/CL/SOP/090)IssueNo/Date:01/06.08.2014): 2014	10 to 1000
1046	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	2,2',3,4,4',5,5'-obiphenyl	In House Validated Method(MBT/CL/SOP/090)IssueNo/Date:01/06.08.2014): 2014	10 to 1000



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<b>Permanent Facility</b>					
1047	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	2,2',3,4,5',6-Hexachlorobiphenyl	In House Validated Method(MBT/CL/SOP/090)IssueNo/Date:01/06.08.2014): 2014	10 to 1000
1048	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	2,2',4,4',5,5'-Hexachlorobiphenyl	In House Validated Method(MBT/CL/SOP/090)IssueNo/Date:01/06.08.2014): 2014	10 to 1000
1049	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	2,2',4,5,5'-Pentachlorobiphenyl	In House Validated Method(MBT/CL/SOP/090)IssueNo/Date:01/06.08.2014): 2014	10 to 1000
1050	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	2,2',5,5'-Tetrachlorobiphenyl	In House Validated Method(MBT/CL/SOP/090)IssueNo/Date:01/06.08.2014): 2014	10 to 1000
1051	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	2,2',5-Trichlorobiphenyl	In House Validated Method(MBT/CL/SOP/090)IssueNo/Date:01/06.08.2014): 2014	10 to 1000
1052	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	2,3,3',4,4'-Pentachlorobiphenyl	In House Validated Method(MBT/CL/SOP/090)IssueNo/Date:01/06.08.2014): 2014	10 to 1000
1053	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	2,3,3'-Trichlorobiphenyl	In House Validated Method(MBT/CL/SOP/090)IssueNo/Date:01/06.08.2014): 2014	10 to 1000



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<b>Permanent Facility</b>					
1054	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	2,4,4'-Trichlorobiphenyl	In House Validated Method(MBT/CL/SOP/090)IssueNo/Date:01/06.08.2014): 2014	10 to 1000
1055	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Acesulphame K	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative
1056	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Acid Insoluble Ash (in dilute HCl)	FSSAI Lab Manual-1- Milk and Milk Products: 2016	0.01 % to 0.1 %
1057	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Acidity as Lactic acid	IS 1479 (Part-II) 1961 RA : 2013	0.1 % to 8.0 %
1058	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Aflatoxin M1	In House Validated Method (MBT/CL/SOP/465) Issue No./Date : 01/1.12.2016): 2016	0.05 to 10.0
1059	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Aldrin	In House Validated Method (MBT/CL/SOP/072) (Issue No./Date: 01/06.08.2014): 2014	0.01 to 10
1060	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	alpha – HCH	In House Validated Method(MBT/CL/SOP/072)(Issue No/Date:01/06.08.2014 ): 2014	0.01 to 10





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<b>Permanent Facility</b>					
1061	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	alpha- Endosulfan	In House Validated Method(MBT/CL/SOP/072)(Issue No/Date:01/06.08.2014 ): 2014	0.01 to 10
1062	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Animal Body Fat	IS 548 : (Part-1) 1964 RA : 2010	Qualitative
1063	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Arsenic as As	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.010 to 10
1064	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Aspartame	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative
1065	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Baudouin Test	IS 548 : (Part-1) 1964 RA : 2010	Qualitative
1066	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Benzoic Acid and its Sodium, Calcium & Potassium salts as Benzoic Acid	In House Validated Method (MBT/CL/SOP/083) (Issue No./ Date : 01/06.08.2014): 2014	2.5 to 25
1067	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	beta – Endosulfan	In House Validated Method(MBT/CL/SOP/072)(Issue No/Date:01/06.08.2014 ): 2014	0.01 to 10



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<b>Permanent Facility</b>					
1068	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	beta – HCH	In House Validated Method(MBT/CL/SOP/072)(Issue No/Date:01/06.08.2014 ): 2014	0.01 to 10
1069	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	BHA	In House Validated Method (MBT/CL/SOP/073) (Issue No./Date : 01/06.08.2014): 2014	10 to 100
1070	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	BHT	In House Validated Method (MBT/CL/SOP/073) (Issue No./Date : 01/06.08.2014): 2014	10 to 100
1071	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Butyro Refraction	IS 548 : (Part-1) 1964 RA : 2010	35 % to 50 %
1072	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Cadmium as Cd	In House Validated Method(MBT/CL/SOP/091)(IssueNo/Date:01/06.08.2014): 2014	0.100 to 10
1073	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Carbohydrates	FSSAI Lab Manual-1- Milk and Milk Products: 2016	0.1 % to 70 %
1074	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Chloride	IS 1479 (Part-II) 1961 RA : 2013	0.01 % to 5.0 %



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<b>Permanent Facility</b>					
1075	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Cholesterol	In House Validated Method (MBT/CL/SOP/075) (Issue No./Date : 01/06.08.2014): 2014	0.1 to 50
1076	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	delta – HCH	In House Validated Method(MBT/CL/SOP/072)(Issue No/Date:01/06.08.2014 ): 2014	0.01 to 10
1077	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Density	IS 10083 : 1982	0.5 to 2
1078	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Dieldrin	In House Validated Method(MBT/CL/SOP/072) (Issue No./Date: 01/06.08.2014) : 2014	0.01 to 10
1079	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Endosulfan sulfate	In House Validated Method(MBT/CL/SOP/072)(Issue No/Date:01/06.08.2014 ): 2014	0.01 to 10
1080	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Energy	FSSAI Lab Manual-1- Milk and Milk Products: 2016	50 to 800
1081	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Ethion	In House Validated Method(MBT/CL/SOP/072)(Issue No/Date:01/06.08.2014 ): 2014	0.01 to 10



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1082	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Free Fatty Acid	IS 548 : (Part-1) 1964 RA : 2010	0.1 % to 5 %
1083	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	gamma – HCH	In House Validated Method(MBT/CL/SOP/072)(Issue No/Date:01/06.08.2014 ): 2014	0.01 to 10
1084	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Lactose	IS 1479 (Part II) 1961 RA: 2013	1.0 % to 60.0 %
1085	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Lead as Pb	In House Validated Method(MBT/CL/SOP/091)(IssueNo/Date:01/06.08.2014): 2014	0.200 to 10
1086	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Melamine	In House Validated Method (MBT/CL/SOP/471) Issue No./Date : 01/01.12.2016): 2016	0.05 to 5.0
1087	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Mercury as Hg	In House Validated Method(MBT/CL/SOP/091)(IssueNo/Date:01/06.08.2014): 2014	0.010 to 10
1088	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Methyl Mercury	In House Validated Method(MBT/CL/SOP/477) (Issue No./Date : 01/01.12.2016): 2016	0.05 to 2.5



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<b>Permanent Facility</b>					
1089	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Methyl parathion	In House Validated Method(MBT/CL/SOP/072)(Issue No/Date:01/06.08.2014 ): 2014	0.01 to 10
1090	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Milk Fat	FSSAI Lab Manual-1- Milk and Milk Products: 2016	0.5 % to 99.5 %
1091	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Milk Protein	IS 1479 (Part II) 1964 RA : 2013	0.5 % to 50.0 %
1092	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Milk Solid Not Fat	AOAC 990.21, 20thEdn. : 2016	0.5 % to 1.0 %
1093	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Mineral Oil	IS 548 : (Part-1) 1964 RA : 2010	Qualitative
1094	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Moisture	FSSAI Lab Manual-1- Milk and Milk Products: 2016	5 % to 20 %
1095	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	o,p' – DDD	In House Validated Method(MBT/CL/SOP/072)(Issue No/Date:01/06.08.2014 ): 2014	0.01 to 10
1096	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	o,p' – DDE	In House Validated Method(MBT/CL/SOP/072)(Issue No/Date:01/06.08.2014 ): 2014	0.01 to 10





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<b>Permanent Facility</b>					
1097	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	o,p' – DDT	In House Validated Method(MBT/CL/SOP/072)(Issue No/Date:01/06.08.2014 ): 2014	0.01 to 10
1098	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	p,p' – DDD	In House Validated Method(MBT/CL/SOP/072)(Issue No/Date:01/06.08.2014 ): 2014	0.01 to 10
1099	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	p,p' – DDE	In House Validated Method(MBT/CL/SOP/072)(Issue No/Date:01/06.08.2014 ): 2014	0.01 to 10
1100	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	p,p' – DDT	In House Validated Method(MBT/CL/SOP/072)(Issue No/Date:01/06.08.2014 ): 2014	0.01 to 10
1101	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	pH	IS 1479 (Part II) 1961 RA : 2012	1 to 14
1102	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Preservative	IS 1479 (Part 1) 1961 RA : 2012	Qualitative
1103	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	P-Value	IS 548 : (Part-1) 1964 RA : 2010	0.5 % to 3 %



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1104	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Refractive index	FSSAI Lab Manual-1- Milk and Milk Products: 2016	1.30 % to 1.70 %
1105	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	RM-Value	IS 548 : (Part-1) 1964 RA : 2010	18 % to 35 %
1106	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Saccharin Sodium	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative
1107	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Salt as NaCl	IS 3507 : 1966 RA : 2003	0.1 % to 10 %
1108	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Sorbic acid and its Sodium, Calcium & Potassium salts as Sorbic Acid	In House Validated Method (MBT/CL/SOP/083) (Issue No./ Date : 01/06.08.2014): 2014	2.5 to 25
1109	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Sulphur dioxide as SO <sub>2</sub>	AOAC 20thEdn, 990.28: 2016	10 to 80
1110	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Surcose	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	1.0 % to 30.0 %
1111	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	TBHQ	In House Validated Method (MBT/CL/SOP/073) (Issue No./Date : 01/06.08.2014): 2014	10 to 100



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<b>Permanent Facility</b>					
1112	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Test for Added Natural Colours (Caramel, Cochineal, Curcumin or turmeric ,AnnatoChlorophyll, , Betanin)	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative
1113	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Test for Added Synthetic Colours and Inorganic Colouring Matter (Erythrosine, Carmoisine, Ponceau 4R, Fast green FCF, Indigo carmine, Brilliant blue FCF, Sunset Yellow FCF, Tartrazine	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative
1114	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Titratable acidity as oleic acid	FSSAI Lab Manual-1- Milk and Milk Products: 2016	0.001 % to 2 %
1115	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Total Ash	IS 1479 (Part-II) 1961 RA : 2013	0.1 % to 10.0 %
1116	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Total Solids	IS 12333 : 1997, ISO 6731 : 1989 RA : 2013	5 % to 99 %
1117	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Urea	FSSAI Lab Manual-1- Milk and Milk Products: 2016	1 to 800
1118	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and dairy Products	Vegetable Oil and Fat	IS 548 : (Part-1) 1964 RA : 2010	Qualitative



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<b>Permanent Facility</b>					
1119	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts and Nuts Products	Acidity of Extracted Fats as expressed as oleic acid	FSSAI Lab Manual -3- Cereal and Cereal Products : 2016	0.01 % to 10.0 %
1120	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts and Nuts Products	Aflatoxin B1	In House Validated Method (MBT/CL/SOP/461) (Issue No./ Date : 01/01.12.2016): 2016	0.50 µg/Kg to 10 µg/Kg
1121	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts and Nuts Products	Aflatoxin B2	In House Validated Method (MBT/CL/SOP/461) (Issue No./ Date : 01/01.12.2016): 2016	0.50 to 10
1122	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts and Nuts Products	Aflatoxin G1	In House Validated Method (MBT/CL/SOP/461) (Issue No./ Date : 01/01.12.2016): 2016	0.50 to 10
1123	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts and Nuts Products	Aflatoxin G2	In House Validated Method (MBT/CL/SOP/461) (Issue No./ Date : 01/01.12.2016): 2016	0.50 to 10
1124	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts and Nuts Products	Agaric Acid	In House Validated Method (MBT/CL/SOP/071) (Issue No./Date : 01/06.08.2014): 2014	5 to 50



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<b>Permanent Facility</b>					
1125	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts and Nuts Products	Carbohydrates	AOAC 948.22, 20thEdn, 2016/IS 1797 : 1985 (RA 2009): 2016	5 % to 90 %
1126	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts and Nuts Products	Crude Fibre	AOAC 935.53, 20thEdn: 2016	0.05 % to 10 %
1127	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts and Nuts Products	Energy	AOAC 948.22, 20thEdn/IS 1797 : 1985 (RA 2009): 2016	50 to 800
1128	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts and Nuts Products	Extraneous Matter	FSSAI Lab Manual-10- Spices and Condiments: 2016	0.1 % to 10 %
1129	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts and Nuts Products	Fat	AOAC 948.22, 20thEdn: 2016	0.1 % to 70 %
1130	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts and Nuts Products	Hydrocyanic Acid	FSSAI Lab Manual -10- Cereal and Cereal Products : 2016	1.0 to 50
1131	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts and Nuts Products	Hypericine	In House Validated Method (MBT/CL/SOP/071) (Issue No./Date : 01/06.08.2014): 2014	0.5 to 10
1132	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts and Nuts Products	Insect Fragments	Visual Method: 2016	Qualitative





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1133	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts and Nuts Products	Methyl Mercury	In House Validated Method(MBT/CL/SOP/477)(Issue No./Date : 01/01.12.2016): 2016	0.05 to 2.5
1134	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts and Nuts Products	Moisture	AOAC 925.40, 20thEdn: 2016	0.1 % to 20.0 %
1135	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts and Nuts Products	Peroxide value of extracted fat	IS 548 : 1964 (Part-1) RA : 2010	0.01 to 10
1136	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts and Nuts Products	pH 10 % in water	AOAC 943.02, 20thEdn: 2016	1.0 % to 14.0 %
1137	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts and Nuts Products	Protein	AOAC 950.48, 20thEdn: 2016	0.5 % to 50 %
1138	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts and Nuts Products	Saffrole	In House Validated Method (MBT/CL/SOP/071) (Issue No./Date : 01/06.08.2014): 2014	0.5 to 50
1139	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts and Nuts Products	Salt as NaCl	AOAC 950.52, 20thEdn: 2016	0.1 % to 10 %
1140	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts and Nuts Products	Total Ash	AOAC 950.49, 20thEdn: 2016	0.1 % to 10 %



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<b>Permanent Facility</b>					
1141	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pet Foods	Acid Insoluble Ash	IS 7874 (Part-I) 1975, RA : 2009	0.05 % to 2 %
1142	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pet Foods	BHA	In House Validated Method (MBT/CL/SOP/073) (Issue No./Date : 01/06.08.2014): 2014	10 to 1000
1143	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pet Foods	BHT	In House Validated Method (MBT/CL/SOP/073) (Issue No./Date : 01/06.08.2014): 2014	10 to 1000
1144	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pet Foods	Calcium	IS 7874 (Part-II) 1975, RA: 2009	1 to 15
1145	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pet Foods	Crude Fat	IS 7874 (Part-I) 1975, RA : 2009	0.2 % to 30 %
1146	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pet Foods	Crude Fiber	IS 7874 (Part-I) 1975, RA : 2009	0.2 % to 25 %
1147	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pet Foods	Crude Protein	IS 7874 (Part-I) 1975, RA : 2009	0.2 % to 30 %
1148	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pet Foods	Moisture	IS 7874 (Part-I) 1975, RA: 2009	5 % to 30 %



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1149	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pet Foods	Phosphorous	IS 7874 (Part-II) 1975, RA : 2009	10 to 1000
1150	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pet Foods	Salt as NaCl	IS 7874 (Part-II) 1975, RA : 2009	0.01 % to 10 %
1151	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pet Foods	TBHQ	In House Validated Method (MBT/CL/SOP/073) (Issue No./Date : 01/06.08.2014): 2014	10 to 1000
1152	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pet Foods	Total Ash	IS 7874 (Part-I) 1975, RA: 2009	0.1 % to 15 %
1153	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Poultry and Poultry Products	Aflatoxin B1	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
1154	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Poultry and Poultry Products	Aflatoxin B2	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
1155	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Poultry and Poultry Products	Aflatoxin G1	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10



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<b>Permanent Facility</b>					
1156	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Poultry and Poultry Products	Aflatoxin G2	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
1157	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Poultry and Poultry Products	Arsenic as As	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.010 to 10
1158	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Poultry and Poultry Products	Benzoic Acid & as Sodium benzoate, Potassium benzoate	In House Validated Method (MBT/CL/SOP/083) (Issue No./ Date : 01/06.08.2014): 2014	2.5 to 25
1159	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Poultry and Poultry Products	Cadmium as Cd	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.250 to 10
1160	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Poultry and Poultry Products	Carbohydrate	FSSAI Lab Manual-1- Milk and Milk Products: 2016	0.1 % to 70 %
1161	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Poultry and Poultry Products	Chloride as NaCl	IS 5960 Part 6 : 1997	0.01 % to 10 %
1162	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Poultry and Poultry Products	Cholesterol	In House Validated Method (MBT/CL/SOP/075) (Issue No./Date : 01/06.08.2014): 2014	0.1 to 50



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1163	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Poultry and Poultry Products	Energy	FSSAI Lab Manual-1- Milk and Milk Products: 2016	50 to 800
1164	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Poultry and Poultry Products	Fat	IS 5960 Part 3 : 1970	0.1 % to 65 %
1165	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Poultry and Poultry Products	Free Fat content	IS 5960 Part 4 : 1997	0.1 % to 6.0 %
1166	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Poultry and Poultry Products	Lead as Pb	In House Validated Method(MBT/CL/SOP/ 091) (Issue No./Date : 01/06.08.2014): 2014	0.200 to 10
1167	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Poultry and Poultry Products	Mercury as Hg	In House Validated Method(MBT/CL/SOP/ 091) (Issue No./Date : 01/06.08.2014): 2014	0.010 to 10
1168	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Poultry and Poultry Products	Methyl Mercury	In House Validated Method(MBT/CL/SOP/ 477) (Issue No./Date : 01/01.12.2016): 2016	0.05 to 2.5
1169	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Poultry and Poultry Products	Moisture	IS 5960 Part 5 : 2001	0.1 % to 80 %
1170	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Poultry and Poultry Products	Protein	IS 5960 Part 1 : 1996	0.1 % to 85 %





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1171	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Poultry and Poultry Products	Sorbic Acid & as Sodium sorbate, Potassium sorbate	In House Validated Method (MBT/CL/SOP/083) (Issue No./ Date : 01/06.08.2014): 2014	2.5 to 25
1172	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Poultry and Poultry Products	Test for Added Natural Colours (Caramel, Cochineal, Curcumin or turmeric ,AnnatoChlorophyll, , Betanin)	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative
1173	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Poultry and Poultry Products	Test for Added Synthetic Colours and Inorganic Colouring Matter (Erythrosine, Carmoisine, Ponceau 4R, Fast green FCF, Indigo carmine, Brilliant blue FCF, Sunset Yellow FCF, Tartrazine	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative
1174	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Poultry and Poultry Products	Tin as Sn	In House Validated Method(MBT/CL/SOP/ 091) (Issue No./Date : 01/06.08.2014): 2014	0.250 to 10
1175	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Poultry and Poultry Products	Total Ash	IS 5960 Part 2 : 2000	0.1 % to 10 %



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1176	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar & Sugar Products	Test for Added Natural Colours (Caramel, Cochineal, Curcumin or turmeric ,AnnatoChlorophyll, , Betanin)	FSSAI Manual of Methods of Analysis of Foods - Food Additives: 2016	Qualitative
1177	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	sugar & Sugar products	Test for Talc (talcum powder)	In House Validated Method (MBT/CL/SOP/473) Issue No./Date : 01/01.12.2016): 2016	Qualitative
1178	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Acesulphame K	FSSAI Manual of Methods of Analysis of Foods - Food Additives : 2016	Qualitative
1179	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Acid Insoluble Ash in diluted HCl	IS 6287 : 1985	0.01 % to 0.2 %
1180	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Acid Insoluble Ash(on moisture fat and sugar free basis)	IS 1163 : 1992	0.01 % to 0.3 %
1181	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Arsenic as As	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.01 to 10
1182	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Aspartame	FSSAI Manual of Methods of Analysis of Foods - Food Additives : 2016	Qualitative



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1183	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Cadmium as Cd	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.100 to 10
1184	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Chromium as Cr	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.250 mg/kg to 10 mg/kg
1185	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Colour (ICUMSA units)	IS 15279 : 2003 RA : 2013	20 to 250
1186	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Conductivity Ash	In House Validated Method (MBT/CL/SOP/496) Issue No./Date : 01/01.12.2016): 2016	1 to 1000
1187	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Copper as Cu	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.250 to 10
1188	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Dirt, Filth & Iron Fillings	FSSAI Lab Manual-4-Beverages,Sugar and Sugar Products & Convectionary Products: 2016	1 to 500
1189	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Extraneous Matter	FSSAI Lab Manual-4-Beverages,Sugar and Sugar Products & Convectionary Products: 2016	0.1 % to 10 %



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1190	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Gum	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	10 % to 100 %
1191	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Insoluble Residue	In House Validated Method (MBT/CL/SOP/496) Issue No./Date : 01/01.12.2016): 2016	0.01 % to 50 %
1192	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Lead as Pb	In House Validated Method(MBT/CL/SOP/ 091) (Issue No./Date : 01/06.08.2014): 2014	0.200 to 10
1193	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Loss on drying	IS 15279 : 2003 RA : 2013	0.01 % to 10 %
1194	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Mercury as Hg	In House Validated Method(MBT/CL/SOP/ 091) (Issue No./Date : 01/06.08.2014): 2014	0.010 to 10
1195	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Methyl Mercury	In House Validated Method(MBT/CL/SOP/ 477) (Issue No./Date : 01/01.12.2016): 2016	0.05 to 2.5
1196	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Moisture	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	0.1 % to 10 %



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<b>Permanent Facility</b>					
1197	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Reducing Sugar	IS 15279 : 2003 RA : 2013	0.01 % to 10 %
1198	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Saccharin Sodium	FSSAI Manual of Methods of Analysis of Foods - Food Additives : 2016	Qualitative
1199	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Starch in Icing Sugar (Moisture Free)	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Confectionary Products: 2016	0.01 % to 5 %
1200	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Sulphate ash	IS 15279 : 2003 RA : 2013	0.01 % to 5.0 %
1201	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Sulphur dioxide as SO <sub>2</sub>	AOAC 20th Edn., 990.28: 2016	10 to 80
1202	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Test for Added Synthetic Colours and Inorganic Colouring Matter (Erythrosine, Carmoisine, Ponceau 4R, Fast green FCF, Indigo carmine, Brilliant blue FCF, Sunset Yellow FCF, Tartrazine	FSSAI Manual of Methods of Analysis of Foods - Food Additives: 2016	Qualitative





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<b>Permanent Facility</b>					
1203	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Tin as Sn	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.250 to 10
1204	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Total Ash	IS 1168 : 1973 (RA 2009) /FSSAI Lab Manual-4- Beverages,Sugar and Sugar Products & Convectionary Products: 2016	0.01 % to 5 %
1205	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Total Fat (on dry basis)	IS 1163 : 1992	0.1 % to 40 %
1206	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Total Fat (on dry basis)	IS 1163 : 1992	0.1 % to 40 %
1207	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Total Protein (in Milk Toffee)	IS 6287 : 1985	0.1 % to 30 %
1208	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Total Sugar as Sucrose	IS 15279 : 2003 RA: 2013	10 % to 99.99 %
1209	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Water Insoluble Matter	FSSAI Lab Manual-4- Beverages,Sugar and Sugar Products & Convectionary Products: 2016	0.01 % to 0.5 %



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1210	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar and Sugar Products	Zinc as Zn	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.250 to 10
1211	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Acid Insoluble Ash	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	0.03 % to 0.5 %
1212	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Aflatoxin B1	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.50 to 10
1213	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Aflatoxin B2	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.50 to 10
1214	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Aflatoxin G1	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.50 to 10
1215	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Aflatoxin G2	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.50 to 10



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1216	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Alkalinity of water soluble extract expressed as KOH	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	0.25 % to 4.0 %
1217	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Copper as Cu	In House Validated Method(MBT/CL/SOP/ 091) (Issue No./Date : 01/06.08.2014): 2016	0.250 to 25
1218	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Crude Fibre	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	1.0 % to 35.0 %
1219	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Iron Filings	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	1 to 500
1220	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Lead as Pb	In House Validated Method(MBT/CL/SOP/ 091) (Issue No./Date : 01/06.08.2014): 2014	0.200 to 10
1221	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Mercury as Hg	In House Validated Method(MBT/CL/SOP/ 091) (Issue No./Date : 01/06.08.2014): 2014	0.010 to 10



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1222	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Methyl Mercury	In House Validated Method(MBT/CL/SOP/477) (Issue No./Date : 01/01.12.2016): 2016	0.05 to 2.5
1223	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Moisture	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	0.1 % to 7.0 %
1224	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Rodent Hair & Excreta	FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	Qualitative
1225	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Solubility in Hot Water	FSSAI Lab Manual-4- Beverages, Sugar and Sugar Products & Convectionary Products: 2016	Qualitative
1226	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Test for Added Natural Colours (Caramel, Cochineal, Curcumin or turmeric ,AnnatoChlorophyll, , Betanin)	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative



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1227	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Test for Added Synthetic Colours and Inorganic Colouring Matter (Erythrosine, Carmoisine, Ponceau 4R, Fast green FCF, Indigo carmine, Brilliant blue FCF, Sunset Yellow FCF, Tartrazine	FSSAI Lab Manual -8- Food Additives : 2016	Qualitative
1228	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Total Ash	FSSAI Lab Manual-4- Beverages,Sugar and Sugar Products & Convectionary Products: 2016	0.5 % to 10.0 %
1229	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Water extract	AOAC 910.104, 20thEdn, : 2016	1.0 % to 40 %
1230	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Water insoluble Ash of Total Ash	FSSAI Lab Manual-4- Beverages,Sugar and Sugar Products & Convectionary Products: 2016	15 % to 80 %
1231	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Water soluble Ash of Total ash	FSSAI Lab Manual-4- Beverages,Sugar and Sugar Products & Convectionary Products: 2016	15 % to 80 %
1232	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and Vegetable Products	Acesulphame K	FSSAI Lab Manual -8- Food Additives: 2016	Qualitative





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1233	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and Vegetable Products	Added Sugar / Total Sugar	IS 3881 : 1993 (RA 2008)/FSSAI Lab Manual -5- Fruit and Vegetables: 2016	1 % to 85 %
1234	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and Vegetable Products	Aflatoxin B1	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.50 to 10
1235	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and Vegetable Products	Aflatoxin B2	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.50 to 10
1236	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and Vegetable Products	Aflatoxin G1	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.50 to 10
1237	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and Vegetable Products	Aflatoxin G2	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.50 to 10
1238	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and Vegetable Products	Aspartame	FSSAI Lab Manual -8- Food Additives: 2016	Qualitative



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1239	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and Vegetable Products	Benzoic Acid and its Sodium, Calcium & Potassium salts as Benzoic Acid	In House Validated Method (MBT/CL/SOP/083) (Issue No./ Date : 01/06.08.2014): 2014	2.5 to 25
1240	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and Vegetable Products	Carbohydrates	IS 1656 : 2007	2 % to 80 %
1241	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and Vegetable Products	Fat	IS 6287 : 1985	0.1 % to 30 %
1242	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and Vegetable Products	Free from mustiness and rancidity	DJS CRS 35 : 2010, ICS 67.220, IS 2322: 2010, IS 5452 : 2008 RA : 2009	Qualitative
1243	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and Vegetable Products	Methyl Mercury	In House Validated Method(MBT/CL/SOP/477) (Issue No./Date : 01/01.12.2016): 2016	100 to 1500
1244	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and Vegetable Products	Mineral Impurities	IS 13816 : 2009/FSSAI Lab Manual -5- Fruit and Vegetables: 2016	1 % to 20 %
1245	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and Vegetable Products	Moisture	IS 4624 : 1978 (RA 2005), IS 4627 : 1968 (RA 2009)/FSSAI Lab Manual -5- Fruit and Vegetables: 2016	0.5 % to 95 %
1246	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and Vegetable Products	Nitrogen	FSSAI Lab Manual -5- Fruit and Vegetables: 2016	0.1 % to 30 %

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



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1247	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and Vegetable Products	Protein	IS 7219 : 1973 (RA 2005)/FSSAI Lab Manual -5- Fruit and Vegetables: 2016	0.5 % to 50 %
1248	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and Vegetable Products	Reducing Sugar	FSSAI Lab Manual -5- Fruit and Vegetables: 2016	1 % to 85 %
1249	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and Vegetable Products	Saccharin Sodium	FSSAI Lab Manual -8- Food Additives: 2016	Qualitative
1250	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and Vegetable Products	Sorbic acid and its Sodium, Calcium & Potassium salts as Sorbic Acid	In House Validated Method (MBT/CL/SOP/083) (Issue No./ Date : 01/06.08.2014): 2014	2.5 to 25
1251	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and Vegetable Products	Sulphur dioxide as SO <sub>2</sub>	AOAC 20thEdn., 990.28: 2016	10 to 80
1252	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and Vegetable Products	Test for Added Natural Colours (Caramel, Cochineal, Curcumin or turmeric ,AnnatoChlorophyll, , Betanin)	FSSAI Lab Manual -8- Food Additives: 2016	Qualitative



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1253	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and Vegetable Products	Test for Added Synthetic Colours and Inorganic Colouring Matter (Erythrosine, Carmoisine, Ponceau 4R, Fast green FCF, Indigo carmine, Brilliant blue FCF, Sunset Yellow FCF, Tartrazine,	FSSAI Lab Manual -8- Food Additives: 2016	Qualitative
1254	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable and Vegetable Products	Volatile Acidity	IS 3881 : 1993 (RA 2008)/FSSAI Lab Manual -5- Fruit and Vegetables: 2016	0.01 % to 10 %
1255	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetables & vegetable products	Formol Titration For Differentiation Between Brewed & Syn Vinegar	FSSAI Lab Manual -5- Fruit and vegetables: 2016	Qualitative(NA)
1256	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vitamins and Mineral Premixes and Health Foods – health mixes, health drinks, sports health supplement, choorna, chyawanprash, herbal base health foods, any other health food.	Acid Insoluble Ash	FSSAI Lab Manual-1- Milk and Milk Products: 2016	0.01 % to 5.0 %



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<b>Permanent Facility</b>					
1257	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vitamins and Mineral Premixes and Health Foods – health mixes, health drinks, sports health supplement, choorna, chyawanprash, herbal base health foods, any other health food.	Benzoic Acid & as Sodium benzoate, Potassium benzoate	In House Validated Method (MBT/CL/SOP/083) (Issue No./Date : 01/06.08.2014): 2014	2.5 to 25
1258	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vitamins and Mineral Premixes and Health Foods – health mixes, health drinks, sports health supplement, choorna, chyawanprash, herbal base health foods, any other health food.	BHA	In House Validated Method (MBT/CL/SOP/073) (Issue No./Date : 01/06.08.2014): 2014	10 to 100
1259	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vitamins and Mineral Premixes and Health Foods – health mixes, health drinks, sports health supplement, choorna, chyawanprash, herbal base health foods, any other health food.	BHT	In House Validated Method (MBT/CL/SOP/073) (Issue No./Date : 01/06.08.2014): 2014	10 to 100





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1260	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vitamins and Mineral Premixes and Health Foods – health mixes, health drinks, sports health supplement, choorna, chyawanprash, herbal base health foods, any other health food.	Carbohydrate	FSSAI Lab Manual-1- Milk and Milk Products: 2016	5 % to 90 %
1261	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vitamins and Mineral Premixes and Health Foods – health mixes, health drinks, sports health supplement, choorna, chyawanprash, herbal base health foods, any other health food.	Energy Kcal/100g	FSSAI Lab Manual-1- Milk and Milk Products: 2016	50 Kcal/100g to 800 Kcal/100g
1262	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vitamins and Mineral Premixes and Health Foods – health mixes, health drinks, sports health supplement, choorna, chyawanprash, herbal base health foods, any other health food.	Fat	AOAC 948.22, 20thEdn/FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	0.1 % to 70 %



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1263	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vitamins and Mineral Premixes and Health Foods – health mixes, health drinks, sports health supplement, choorna, chyawanprash, herbal base health foods, any other health food.	Methyl Mercury	In House Validated Method(MBT/CL/SOP/477) (Issue No./Date : 01/01.12.2016): 2016	0.05 to 2.5
1264	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vitamins and Mineral Premixes and Health Foods – health mixes, health drinks, sports health supplement, choorna, chyawanprash, herbal base health foods, any other health food.	Methyl Mercury	In House Validated Method(MBT/CL/SOP/477) (Issue No./Date : 01/01.12.2016): 2016	0.05 to 2.5
1265	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vitamins and Mineral Premixes and Health Foods – health mixes, health drinks, sports health supplement, choorna, chyawanprash, herbal base health foods, any other health food.	Moisture	FSSAI Lab Manual-1- Milk and Milk Products: 2016	0.5 % to 90 %



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<b>Permanent Facility</b>					
1266	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vitamins and Mineral Premixes and Health Foods – health mixes, health drinks, sports health supplement, choorna, chyawanprash, herbal base health foods, any other health food.	Peroxide Value	IS 548 : 1964 (Part-1) (RA 2010)/FSSAI Lab Manual -2- Oils & Fats: 2016	0.1 to 10
1267	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vitamins and Mineral Premixes and Health Foods – health mixes, health drinks, sports health supplement, choorna, chyawanprash, herbal base health foods, any other health food.	Protein	AOAC 950.48, 20thEdn/FSSAI Lab Manual-3- Cereal and Cereal Products: 2016	0.01 % to 20 %
1268	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vitamins and Mineral Premixes and Health Foods – health mixes, health drinks, sports health supplement, choorna, chyawanprash, herbal base health foods, any other health food.	Selenium as Se	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.010 to 10



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<b>Permanent Facility</b>					
1269	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vitamins and Mineral Premixes and Health Foods – health mixes, health drinks, sports health supplement, choorna, chyawanprash, herbal base health foods, any other health food.	Sorbic Acid & as Sodium sorbate, Potassium sorbate	In House Validated Method (MBT/CL/SOP/083) (Issue No./Date : 01/06.08.2014): 2014	2.5 to 25
1270	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vitamins and Mineral Premixes and Health Foods – health mixes, health drinks, sports health supplement, choorna, chyawanprash, herbal base health foods, any other health food.	Sulfur dioxide	AOAC 20thEdn., 990.28: 2016	1 to 2500
1271	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vitamins and Mineral Premixes and Health Foods – health mixes, health drinks, sports health supplement, choorna, chyawanprash, herbal base health foods, any other health food.	TBHQ	In House Validated Method (MBT/CL/SOP/073) (Issue No./Date : 01/06.08.2014): 2014	10 to 100



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<b>Permanent Facility</b>					
1272	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vitamins and Mineral Premixes and Health Foods – health mixes, health drinks, sports health supplement, choorna, chyawanprash, herbal base health foods, any other health food.	Total Ash	FSSAI Lab Manual-1- Milk and Milk Products: 2016	0.1 % to 10 %
1273	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Acidity of Extracted Fat (as oleic acid)	IS 1011 : 2002 RA : 2009	0.01 % to 5.0 %
1274	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Aflatoxin B1	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
1275	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Aflatoxin B2	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
1276	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Aflatoxin G1	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10





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<b>Permanent Facility</b>					
1277	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Aflatoxin G2	In House Validated Method (MBT/CL/SOP/462) (Issue No./ Date : 01/01.12.2016): 2016	0.25 to 10
1278	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Arsenic as As	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.010 to 10
1279	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Ash Insoluble in Dil. HCl (on dry basis)	FSSAI Lab Manual--6- meat and Meat Products & fish and Fish Products : 2016	0.01 % to 5.0 %
1280	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Benzoic Acid and its Sodium, Calcium & Potassium salts as Benzoic Acid	In House Validated Method (MBT/CL/SOP/083) (Issue No./ Date : 01/06.08.2014): 2014	2.5 to 25
1281	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Cadmium as Cd	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.100 to 10
1282	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Carbohydrates	FSSAI Lab Manual-1- Milk and Milk Products: 2016	0.1 % to 70 %
1283	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Citric acid	In House Validated Method (MBT/CL/SOP/086)(Issue No./Date : 01/06.08.2014): 2014	50 to 100



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<b>Permanent Facility</b>					
1284	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Copper as Cu	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.250 to 10
1285	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Energy	FSSAI Lab Manual--6-meat and Meat Products & fish and Fish Products : 2016	50 to 800
1286	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Histamine	In House Validated Method (MBT/CL/SOP/084) (Issue No./Date : 01/06.08.2014): 2014	50 to 500
1287	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Lead as Pb	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.200 to 10
1288	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Mercury as Hg	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.010 to 10
1289	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Methyl Mercury	In House Validated Method(MBT/CL/SOP/477) (Issue No./Date : 01/01.12.2016): 2016	0.05 to 2.5
1290	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Moisture	FSSAI Lab Manual--6-meat and Meat Products & fish and Fish Products : 2016	1.0 % to 85 %



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1291	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Phosphate as PO <sub>4</sub>	FSSAI Lab Manual--6- meat and Meat Products & fish and Fish Products : 2016	0.02 to 5000
1292	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Salt as NaCl	FSSAI Lab Manual--6- meat and Meat Products & fish and Fish Products : 2016	0.01 % to 5 %
1293	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Sodium metabisulfate as SO <sub>2</sub>	AOAC 20thEdn, 990.28: 2016	10 to 100
1294	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Sorbic acid and its Sodium, Calcium & Potassium salts as Sorbic Acid	In House Validated Method (MBT/CL/SOP/083) (Issue No./ Date : 01/06.08.2014): 2014	2.5 to 25
1295	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Starch	IS 5960 : 1988	0.1 % to 80 %
1296	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Test for Added Synthetic Colours and Inorganic Colouring Matter (Erythrosine, Carmoisine, Ponceau 4R, Fast green FCF, Indigo carmine, Brilliant blue FCF, Sunset Yellow FCF, Tartrazine	FSSAI Lab Manual -8- Food Additives: 2016	Qualitative



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1297	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Total Ash	AOAC 938.08, 20thEdn.: 2016	0.1 % to 20 %
1298	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Total Fat	AOAC 948.15, 20thEdn. : 2016	0.1 % to 20 %
1299	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Total Protein	AOAC 940.25, 20thEdn.: 2016	0.5 % to 70 %
1300	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Total Sugar	FSSAI Lab Manual--6-meat and Meat Products & fish and Fish Products : 2016	0.1 % to 80 %
1301	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Total Volatile Base Nitrogen (TVBN)	FSSAI Lab Manual--6-meat and Meat Products & fish and Fish Products : 2016	1 to 50
1302	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Trimethylamine (TMA)	AOAC 971.14, 20thEdn. : 2016	0.1 to 50
1303	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and other marine products	Zinc as Zn	In House Validated Method(MBT/CL/SOP/091) (Issue No./Date : 01/06.08.2014): 2014	0.250 to 10
1304	CHEMICAL- WATER	Bore well water and Raw water	Arsenic	APHA 22ndEdn.- 3500/3120B : 2012	0.005 to 2.0
1305	CHEMICAL- WATER	Bore well water and Raw water	Chloride as Cl	APHA 22ndEdn.-4500 Cl – B: 2012	1 to 1000



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<b>Permanent Facility</b>					
1306	CHEMICAL- WATER	Bore well water and Raw water	Chromium	APHA 22ndEdn.- 3500 Cr /3120B : 2012	0.03 to 25
1307	CHEMICAL- WATER	Bore well water and Raw water	Colour	APHA 22ndEdn.-2120-B: 2012	1 to 100
1308	CHEMICAL- WATER	Bore well water and Raw water	Copper as Cu	APHA 22ndEdn.- 3500 Cu/3120B: 2012	0.01 to 50
1309	CHEMICAL- WATER	Bore well water and Raw water	Cyanide	APHA 22ndEdn.- 4500 – CN- C,E: 2012	0.01 to 10
1310	CHEMICAL- WATER	Bore well water and Raw water	Fluoride as F-	APHA 22ndEdn-4500 F-B, D (SPANDS method): 2012	0.2 to 10
1311	CHEMICAL- WATER	Bore well water and Raw water	Iron as Fe	APHA 22ndEdn.- 3500 Fe/ 3120B: 2012	0.01 to 50
1312	CHEMICAL- WATER	Bore well water and Raw water	Lead	APHA 22ndEdn.-3500 Pb 3120B: 2012	0.05 to 50
1313	CHEMICAL- WATER	Bore well water and Raw water	Magnesium as Mg	APHA 22ndEdn.- 2340-C: 2012	1 to 3000
1314	CHEMICAL- WATER	Bore well water and Raw water	Manganese as Mn	APHA 22ndEdn.-3500 Mn/3120B : 2012	0.01 to 50
1315	CHEMICAL- WATER	Bore well water and Raw water	Nitrate as NO3	APHA 22ndEdn.-4500 – NO3-B: 2012	1 to 500
1316	CHEMICAL- WATER	Bore well water and Raw water	Odour	APHA 22ndEdn.-2150: 2012	Qualitative
1317	CHEMICAL- WATER	Bore well water and Raw water	pH value	APHA 22ndEdn.-4500 H+ - B: 2012	2 to 129
1318	CHEMICAL- WATER	Bore well water and Raw water	Selenium	APHA 22ndEdn.- 3500 Se /3120B : 2012	0.02 to 5





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<b>Permanent Facility</b>					
1319	CHEMICAL- WATER	Bore well water and Raw water	Sulphate as SO <sub>4</sub> 2-	APHA 22ndEdn- 4500 SO <sub>4</sub> 2 –E: 2012	10.0 to 50000
1320	CHEMICAL- WATER	Bore well water and Raw water	Total Hardness	APHA 22nd Edn.-2340 C: 2012	1 to 5000
1321	CHEMICAL- WATER	Bore well water and Raw water	Total solids	APHA 22ndEdn.-2540-C: 2012	1 to 10000
1322	CHEMICAL- WATER	Bore well water and Raw water	Turbidity	APHA 22ndEdn.-2130-B: 2012	0.5 to 500
1323	CHEMICAL- WATER	Bore well water and Raw water	Zinc as Zn	APHA 22nd EDI- 3500 Zn/ 3120B : 2012	0.05 to 50
1324	CHEMICAL- WATER	Construction Water	a)To neutralize 100ml of sample water using phenolphthalein as an indicator using 0.02N NaOH	IS 3025(part – 23): 1986 RA: 2014	0.1 to 50
1325	CHEMICAL- WATER	Construction Water	b) To neutralize 100ml of sample water using Mixed indicator using 0.02 N H <sub>2</sub> SO <sub>4</sub>	IS 3025(Part -22): 1986 RA: 2014	0.1 to 100
1326	CHEMICAL- WATER	Construction Water	Chlorides as Cl-	IS 3025(Part 32):1988 RA: 2014	1 to 20000
1327	CHEMICAL- WATER	Construction Water	Inorganic solids	IS 3025(Part 18):1984 RA: 2017	1 to 50000
1328	CHEMICAL- WATER	Construction Water	Organic solids	IS 3025(Part 18):1984 RA: 2017	1 to 5000
1329	CHEMICAL- WATER	Construction Water	pH Value	IS 3025(Part 11):1983 RA: 2017	2 to 12



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<b>Permanent Facility</b>					
1330	CHEMICAL- WATER	Construction Water	Sulphates as SO <sub>4</sub>	IS 3025(Part 24):1986 RA: 2014	1 to 10000
1331	CHEMICAL- WATER	Construction Water	Suspended Matter	IS 3025(Part 17):1984 RA : 2017	1 to 500
1332	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	2, 4 – D	USEPA515.1- (Rev4): 1995	0.01 to 0.10
1333	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	2,2',3,4,4',5'- Hexachlorobiphenyl	APHA22nd Edn.- 6630 B&C : 2012	0.01 µg/L to 500 µg/L
1334	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	2,2',3,5'- Tetrachlorobiphenyl	APHA22nd Edn.- 6630 B&C : 2012	0.01 to 500 µg/L



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1335	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	2,2',3,3',4,4',5,5'- Octachlorobiphenyl	APHA22nd Edn.- 6630 B&C : 2012	0.01 µg/L to 500 µg/L
1336	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	2,2',3,3',4,4',5- obiphenyl	APHA22nd Edn.- 6630 B&C : 2012	0.01 µg/L to 500 µg/L
1337	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	2,2',3,4,4',5,5'- obiphenyl	APHA22nd Edn.- 6630 B&C : 2012	0.01 to 500
1338	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	2,2',3,4,5',6- Hexachlorobiphenyl	APHA22nd Edn.- 6630 B&C: 2012	0.01 µg/L to 500 µg/L



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1339	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	2,2',4,4',5,5'- Hexachlorobiphenhyl	APHA22nd Edn.- 6630 B&C : 2012	0.01 µg/L to 500 µg/L
1340	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	2,2',4,5,5'- Pentachlorobiphenhyl	APHA22nd Edn.- 6630 B&C : 2012	0.01 µg/L to 500 µg/L
1341	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	2,2',5,5'- Tetrachlorobiphenhyl	APHA22nd Edn.- 6630 B&C : 2012	0.01 to 500 µg/L
1342	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	2,2',5- Trichlorobiphenhyl	APHA22nd Edn- 6630 B&C : 2012	0.01 to 500



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1343	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	2,3,3',4,4'- Pentachlorobiphenyl	APHA22nd Edn.- 6630 B&C : 2012	0.01 µg/L to 500 µg/L
1344	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	2,3,3'- Trichlorobiphenyl	APHA22nd Edn.- 6630 B&C : 2012	0.01 to 500
1345	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	2,4 - DDE	USEPA525.2-1995 (Rev2) USEPA 508 (Rev3): 1989	0.01 to 0.10
1346	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	2,4 -DDD	USEPA525.2-1995 (Rev2) USEPA 508 (Rev3): 1989	0.01 to 0.10





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1347	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	2,4 -DDT	USEPA525.2-1995 (Rev2) USEPA 508 (Rev3): 1989	0.01 to 0.10
1348	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	2,4,4'-Trichlorobiphenyl	APHA22nd Edn.- 6630 B&C: 2012	0.01 µg/L to 500 µg/L
1349	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	4,4 -DDD	USEPA525.2-1995 (Rev2) USEPA 508 (Rev3): 1989	0.01 to 0.10
1350	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	4,4 -DDE	USEPA525.2-1995 (Rev2) USEPA 508 (Rev3): 1989	0.01 to 0.10



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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
<b>Permanent Facility</b>					
1351	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	4,4 -DDT	USEPA525.2-1995 (Rev2) USEPA 508 (Rev3): 1989	0.01 to 0.10
1352	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Acenaphthene	APHA22nd Edn.- 6630 B&C: 2012	0.05 µg/L to 0.300 µg/L
1353	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Acenaphthylene	APHA22nd Edn.- 6630 B&C: 2012	0.05 to 0.300 µg/L
1354	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Alachor	USEPA525.2-1995 (Rev2) USEPA 507 - (Rev2): 1989	0.01 µg/L to 0.10 µg/L



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<b>Permanent Facility</b>					
1355	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Aldrin	USEPA525.2- (Rev2): 1995	0.01 µg/L to 0.10 µg/L
1356	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Alkalinity as CaCO <sub>3</sub> (Phenolphthalein / Methyl orange or Bicarbonate / or Carbonate / Caustic Alkalinity as CaCO <sub>3</sub> )	IS: 3025 (Part 23) :1986 RA: 2014	1 to 5000
1357	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	alpha - HCH	USEPA525.2-1995 (Rev2) USEPA 508 - (Rev3): 1989	0.01 µg/L to 0.10 µg/L
1358	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	alpha –Endosuphan	USEPA525.2-1995 (Rev2) USEPA 508 - (Rev3): 1989	0.01 to 0.10



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<b>Permanent Facility</b>					
1359	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Aluminum as Al	IS 3025 (Part 2):2004 RA: 2014	0.01 to 0.1
1360	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Ammonia (as total ammonia , N)	IS:3025 (Part.34) :1988 RA: 2014	0.1 to 20
1361	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Anionic Detergents as MBAS	IS:13428: 2005 (RA) -Annex K: 2009	0.05 to 4.0
1362	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Anthracene	APHA22nd Edn.- 6630 B&C : 2012	0.05 µg/L to 0.300 µg/L



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<b>Permanent Facility</b>					
1363	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Antimony as Sb	IS: 3025 (Part 2) :2004 RA: 2014	0.001 to 0.10
1364	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Arsenic as As	IS: 3025 (Part 2) :2004 RA: 2014	0.005 to 0.1
1365	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Atrazine	USEPA525.2-1995 (Rev2) USEPA8141A- (Rev1): 1994	0.01 µg/L to 0.10 µg/L
1366	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Barium as Ba	IS: 3025 (Part 2):2004 RA: 2014	0.01 to 0.10





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<b>Permanent Facility</b>					
1367	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Benzo (a) anthracene	APHA22nd Edn.- 6630 B&C : 2012	0.05 µg/L to 0.300 µg/L
1368	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Benzo (a) pyrene	APHA22nd Edn.- 6630 B&C: 2012	0.05 µg/L to 0.300 µg/L
1369	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Benzo (a) pyrene	APHA22nd Edn.- 6630 B&C : 2012	0.05 µg/L to 0.300 µg/L
1370	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Benzo (b) fluoranthene	APHA22nd Edn.- 6630 B&C: 2012	0.05 µg/L to 0.300 µg/L



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<b>Permanent Facility</b>					
1371	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Benzo (g,h,i) perylene	Drinking Water / Ground Water / Surface Water Packaged Drinking Water / Packaged Natural Mineral Water: 2012	0.05 µg/L to 0.300 µg/L
1372	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Benzo (k) fluoranthene	APHA22nd Edn.- 6630 B&C : 2012	0.05 µg/L to 0.300 µg/L
1373	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	beta - HCH	USEPA525.2-1995 (Rev2) USEPA 508 - (Rev3): 1989	0.01 µg/L to 0.10 µg/L
1374	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	beta –Endosulphan	USEPA525.2-1995 (Rev2) USEPA 508 (Rev3): 1989	0.01 µg/L to 0.10 µg/L



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<b>Permanent Facility</b>					
1375	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Boron as B	IS: 3025 (Part 2) :2004 RA: 2014	0.1 to 0.10
1376	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Bromate as BrO <sub>3</sub>	ISO 15061 : 2001	0.005 to 100
1377	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Bromodichloromethane	APHA 22nd Edn.-6232 B: 2012	0.005 to 0.10
1378	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Bromoform	APHA 22nd Edn.2012- 6232 B: 2012	0.005 to 0.10



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<b>Permanent Facility</b>					
1379	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Butachlor	USEPA525.2-1995 (Rev2) USEPA8141A- (Rev1): 1994	0.01 µg/L to 0.10 µg/L
1380	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Cadmium as Cd	IS: 3025 (Part 2) :2004 RA: 2014	0.001 to 0.10
1381	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Calcium as Ca	IS: 3025 (Part 40) :1991 RA: 2014	1 to 2000 %
1382	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Chloride as Cl	IS: 3025 (Part 32) :1988 RA: 2014	1 to 4000



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<b>Permanent Facility</b>					
1383	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Chloroform	APHA 22nd Edn.-6232 B: 2012	0.005 to 0.10
1384	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Chlorpyrifos	USEPA525.2-1995 (Rev2) USEPA8141A- (Rev1): 1994	0.01 to 0.10
1385	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Chromium as Cr	IS: 3025 (Part 2) :2004 RA: 2014	0.01 to 0.10
1386	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Chrysenes	APHA22nd Edn.- 6630 B&C : 2012	0.05 µg/L to 0.300 µg/L





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<b>Permanent Facility</b>					
1387	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Colour	IS: 3025 (Part 4) :1983 RA: 2017	1 to 100
1388	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Conductivity @ 25°C	IS: 3025 (Part 14) : 2013	1 to 50000
1389	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Copper as Cu	IS: 3025 (Part 2) :2004 RA: 2014	0.01 to 0.10
1390	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Cyanide as CN-	IS: 3025 (Part 27) :1986 RA: 2014	0.01 to 10



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<b>Permanent Facility</b>					
1391	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	delta –HCH	USEPA525.2-1995 (Rev2) USEPA 508 - (Rev3): 1989	0.01 µg/L to 0.10 µg/L
1392	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Dibenzo (a,h) anthracene	APHA22nd Edn.- 6630 B&C : 2012	0.05 µg/L to 0.300 µg/L
1393	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Dibromochloromethane	APHA 22nd Edn.-6232 B: 2012	0.005 to 0.10
1394	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Dieldrin	USEPA525.2- (Rev2): 1995	0.01 µg/L to 0.10 µg/L



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<b>Permanent Facility</b>					
1395	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	EndosulfanSulphate	USEPA525.2-1995 (Rev2) USEPA 508 - (Rev3): 1989	0.01 to 0.10
1396	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Ethion	USEPA525.2- (Rev2) USEPA 1657A: 1995	0.01 to 0.10
1397	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Fluoranthene	APHA22nd Edn.- 6630 B&C : 2012	0.05 µg/L to 0.300 µg/L
1398	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Fluorene	APHA22nd Edn.- 6630 B&C: 2012	0.05 µg/L to 0.300 µg/L



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<b>Permanent Facility</b>					
1399	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Fluoride as F-	IS: 3025 (Part 60) : 2013	0.2 to 1.0
1400	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Free Residual Chlorine	IS: 3025 (Part 26) :1986 RA: 2014	0.02 to 10
1401	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	gamma – HCH (Lindane)	USEPA525.2-1995 (Rev2) USEPA 508 - (Rev3): 1989	0.01 to 0.10
1402	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Indeno(1,2,3-c,d) - pyrene	APHA22nd Edn.- 6630 B&C : 2012	0.05 µg/L to 0.300 µg/L



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<b>Permanent Facility</b>					
1403	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Iron as Fe	IS: 3025 (Part 2) :2004 RA: 2014	0.01 to 0.10
1404	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Isoproturon	USEPA 532 - (Rev1): 2000	0.01 µg/L to 0.10 µg/L
1405	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Lead as Pb	IS: 3025 (Part 2) :2004 RA: 2014	0.01 to 0.10
1406	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Magnesium as Mg	IS: 3025 (Part 46) :1994 RA: 2014	1.0 to 2000





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<b>Permanent Facility</b>					
1407	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Malaoxon	USEPA525.2-1995 (Rev2) USEPA8141A- (Rev1): 1994	0.01 to 0.10
1408	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Malathion	USEPA525.2-1995 (Rev2) USEPA8141A- (Rev1): 1994	0.01 to 0.10
1409	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Manganese as Mn	IS: 3025 (Part 2) :2004 RA: 2014	0.01 to 0.10
1410	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Mercury as Hg	IS: 3025 (Part 2) :2004 RA: 2014	0.0007 to 5.0



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<b>Permanent Facility</b>					
1411	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Methyl Paraoxon	USEPA525.2-1995 (Rev2) USEPA8141A- (Rev1): 1994	0.01 to 0.10
1412	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Methyl Parathion	USEPA525.2-1995 (Rev2) USEPA8141A- (Rev1): 1994	0.01 to 0.10
1413	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Mineral Oil	Clause 6 of IS: 3025 ( Part 39):1991 RA: 2014	0.01 to 15
1414	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Molybdenum as Mo	APHA 22nd Edn.-3111 B, 3120B: 2012	0.01 to 0.10



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<b>Permanent Facility</b>					
1415	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Monocrotophos	USEPA525.2-1995 (Rev2) USEPA8141A- (Rev1): 1994	0.01 to 0.10
1416	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Naphthalene	APHA22nd Edn.- 6630 B&C : 2012	0.05 µg/L to 0.300 µg/L
1417	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Nickel as Ni	IS: 3025 (Part 2) :2004 RA: 2014	0.01 to 0.10
1418	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Nitrate as NO3	IS: 3025 (Part 34) :1988 (RA) (Deverda's Alloy reduction method): 2014	1 to 500



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<b>Permanent Facility</b>					
1419	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Nitrite as NO <sub>2</sub>	IS: 3025 (Part 34) :1988 RA: 2014	0.02 to 1.0
1420	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Odour	IS: 3025 (Part 5) :1983 RA: 2017	Qualitative
1421	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	pH Value	IS 3025 (Part 11) :1983 RA: 2017	2 to 12
1422	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Phenanthrene	APHA22nd Edn.- 6630 B&C : 2012	0.05 µg/L to 0.300 µg/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
<b>Permanent Facility</b>					
1423	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Phenolic compound (as C6H5OH)	IS: 3025 (Part 43) :1992 RA: 2014	0.002 to 500
1424	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Phorate	USEPA525.2-1995 (Rev2) USEPA8141A- (Rev1): 1994	0.01 to 0.10
1425	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Phoratesulphone	USEPA525.2-1995 (Rev2) USEPA8141A- 1994 (Rev1): 1994	0.01 to 0.10
1426	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Phoratesulphoxide	USEPA525.2-1995 (Rev2) USEPA8141A- (Rev1): 1994	0.01 to 0.10





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<b>Permanent Facility</b>					
1427	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Pyrene	APHA22nd Edn.- 6630 B&C: 2012	0.05 µg/L to 0.300 µg/L
1428	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Selenium as Se	IS: 3025 (Part 2) :2004 RA: 2014	0.001 to 0.10
1429	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Silver as Ag	IS: 3025 (Part 2) :2004 RA: 2014	0.01 to 0.10
1430	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Sodium as Na	IS: 3025(Part 45) :1993 RA: 2014	1.0 to 1000



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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
<b>Permanent Facility</b>					
1431	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Sulphate as SO <sub>4</sub> 2-	IS: 3025 (Part 24) :1986 RA: 2014	1.0 to 40
1432	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Sulphide as H <sub>2</sub> S	IS: 3025 (Part 29) :1986 RA: 2014	0.04 to 2.0
1433	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Taste	IS: 3025 (Part 8) :1984 RA: 2017	Qualitative
1434	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Total Dissolved Solids	IS: 3025 (Part 16) :1984 RA: 2017	1.0 to 10000



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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
<b>Permanent Facility</b>					
1435	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Total Hardness as CaCO <sub>3</sub> (Carbonate Hardness / Non –CarbonateHardness as CaCO <sub>3</sub> )	IS: 3025 (Part 21) : 2014	1 to 5000
1436	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Turbidity	IS: 3025 (Part 10) :1984 RA: 2017	0.1 to 40
1437	CHEMICAL- WATER	Drinking Water / Ground Water / Surface WaterPackaged Drinking Water / Packaged Natural Mineral Water	Zinc as Zn	IS: 3025 (Part 2) :2004 RA: 2014	0.01 to 0.10
1438	CHEMICAL- WATER	Industrial Water	Alkalinity (Phenolphthalein & Methyl Orange)	APHA 22nd Edn.-2320 B : 2012	1 to 2400
1439	CHEMICAL- WATER	Industrial Water	Aluminum as Al	APHA 22ndEdn.- 3500 Al/3120B : 2012	0.01 to 20
1440	CHEMICAL- WATER	Industrial Water	Ammonical Nitrogen	APHA 22nd Edn. 4500 NH <sub>3</sub> B,C: 2012	1 to 500
1441	CHEMICAL- WATER	Industrial Water	Calcium as Ca	APHA 22ndEdn.-3500- Ca-B: 2012	1 to 2000



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<b>Permanent Facility</b>					
1442	CHEMICAL- WATER	Industrial Water	Chloride as Cl	APHA 22ndEdn-4500 Cl – B: 2012	1 to 1000
1443	CHEMICAL- WATER	Industrial Water	Colour	APHA 22ndEdn.-2120- B: 2012	1 to 100
1444	CHEMICAL- WATER	Industrial Water	Conductivity @ 25°C	IS 3025 ( Part 14) :1984 Reaff: 2013	1 to 10000
1445	CHEMICAL- WATER	Industrial Water	Dissolved oxygen	APHA 22nd Edn.-4500 O, B, C: 2012	0.2 to 10
1446	CHEMICAL- WATER	Industrial Water	Free Residual Chlorine	APHA 22nd Edn-4500 – Cl-B: 2005	1 to 50
1447	CHEMICAL- WATER	Industrial Water	Iron as Fe	APHA 22ndEdn - 3500 Fe/ 3120B: 2012	0.01 to 50
1448	CHEMICAL- WATER	Industrial Water	Magnesium as Mg	APHA 22ndEdn.- 2340- C: 2012	1 to 3000
1449	CHEMICAL- WATER	Industrial Water	pH value	APHA 22ndEdn.-4500 H+ - B: 2012	2 to 12
1450	CHEMICAL- WATER	Industrial Water	Phosphates as P	APHA 22ndEdn.-4500- P-B, D: 2012	0.05 to 100
1451	CHEMICAL- WATER	Industrial Water	Silica	APHA 22nd Edn.- 4500 SO42 – C;E: 2012	0.1 to 100
1452	CHEMICAL- WATER	Industrial Water	Sulphate as SO4 2-	APHA 22ndEdn.- 4500 SO42 –E: 2012	10.0 to 50000
1453	CHEMICAL- WATER	Industrial Water	Sulphide as H2S	APHA 22nd Edn.-4500- S 2- F: 2012	1 to 100
1454	CHEMICAL- WATER	Industrial Water	Total Dissolved solids	APHA 22ndEdn-2540- C: 2012	1 to 10000



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<b>Permanent Facility</b>					
1455	CHEMICAL- WATER	Industrial Water	Total hardness as CaCO <sub>3</sub>	APHA 22nd Edn.-2340 C: 2012	0.2 to 5000
1456	CHEMICAL- WATER	Industrial Water	Turbidity	APHA 22ndEdn-2130-B: 2012	0.5 to 500
1457	CHEMICAL- WATER	Swimming Pool Water	Alkalinity as CaCO <sub>3</sub>	IS: 3025 (Part 23) :1986 RA: 2014	1 to 5000
1458	CHEMICAL- WATER	Swimming Pool Water	Aluminum as Al	IS 3025 (Part 2):2004RA: 2014	0.01 to 0.1
1459	CHEMICAL- WATER	Swimming Pool Water	Chloride as Cl	IS: 3025 (Part 32) :1988 RA: 2014	1 to 4000
1460	CHEMICAL- WATER	Swimming Pool Water	Colour	IS: 3025 (Part 4) :1983 RA: 2017	1 to 100
1461	CHEMICAL- WATER	Swimming Pool Water	Heavy Metals (as Pb)	IS: 3025 (Part 2) :2004 RA: 2014	0.01 to 0.10
1462	CHEMICAL- WATER	Swimming Pool Water	Iron as Fe	IS: 3025 (Part 2) :2004 RA: 2014	0.01 to 0.10
1463	CHEMICAL- WATER	Swimming Pool Water	Odour	IS: 3025 (Part 5) :1983 RA: 2017	Qualitative
1464	CHEMICAL- WATER	Swimming Pool Water	pH Value	IS 3025 (Part 11) :1983 RA: 2017	2 to 12
1465	CHEMICAL- WATER	Swimming Pool Water	Total Dissolved Solids	IS: 3025 (Part 16) :1984 RA: 2017	1.0 to 10000
1466	CHEMICAL- WATER	Swimming Pool Water	Total Residual Chlorine	IS: 3025 (Part 26) :1986 RA: 2014	0.02 to 10
1467	CHEMICAL- WATER	Swimming Pool Water	Turbidity	IS: 3025 (Part 10) :1984 RA: 2017	0.1 to 40





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<b>Permanent Facility</b>					
1468	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	2, 4 – D	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1469	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	2,2',3,4,4',5'-Hexachlorobiphenyl	USEPA 3510C & 8082: 2007	0.01 µg/L to 500 µg/L
1470	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	2,2',3,5'-Tetrachlorobiphenyl	USEPA 3510C & 8082: 2007	0.01 µg/L to 500 µg/L
1471	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	2,2',3,3',4,4',5,5'-Octachlorobiphenyl	USEPA 3510C & 8082: 2007	0.01 µg/L to 500 µg/L
1472	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	2,2',3,3',4,4',5-obiphenyl	USEPA 3510C & 8082: 2007	0.01 µg/L to 500 µg/L
1473	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	2,2',3,4,4',5,5'-obiphenyl	USEPA 3510C & 8082: 2007	0.01 µg/L to 500 µg/L
1474	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	2,2',3,4,5',6-Hexachlorobiphenyl	USEPA 3510C & 8082: 2007	0.01 µg/L to 500 µg/L
1475	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	2,2',4,4',5,5'-Hexachlorobiphenyl	USEPA 3510C & 8082: 2007	0.01 µg/L to 500 µg/L
1476	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	2,2',4,5,5'-Pentachlorobiphenyl	USEPA 3510C & 8082: 2007	0.01 µg/L to 500 µg/L
1477	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	2,2',5,5'-Tetrachlorobiphenyl	USEPA 3510C & 8082: 2007	0.01 µg/L to 500 µg/L
1478	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	2,2',5-Trichlorobiphenyl	USEPA 3510C & 8082: 2007	0.01 µg/L to 500 µg/L
1479	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	2,3,3',4,4'-Pentachlorobiphenyl	USEPA 3510C & 8082: 2007	0.01 µg/L to 500 µg/L
1480	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	2,3,3'-Trichlorobiphenyl	USEPA 3510C & 8082: 2007	0.01 µg/L to 500 µg/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
<b>Permanent Facility</b>					
1481	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	2,4 - DDE	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1482	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	2,4 -DDD	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1483	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	2,4 -DDT	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1484	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	2,4,4'-Trichlorobiphenyl	USEPA 3510C & 8082: 2007	0.01 µg/L to 500 µg/L
1485	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	4,4 – DDD	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1486	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	4,4 -DDE	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1487	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	4,4 -DDT	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1488	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Acenaphthene	USEPA 3510C & 8100: 1986	0.05 µg/L to 500 µg/L
1489	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Acenaphthylene	USEPA 3510C & 8100: 1986	0.05 µg/L to 500 µg/L
1490	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Acidity	APHA 23rd Edn.- 2310B: 2012	1 to 2400 mg/L
1491	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Alachor	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1492	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Aldrin	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L



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<b>Permanent Facility</b>					
1493	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Alkalinity as CaCO <sub>3</sub> (Phenolphthalein/Methyl orange/or/ Bicarbonate/ Carbonate /Caustic Alkalinity as CaCO <sub>3</sub> )	APHA 23rd Edn.-2320 B: 2012	1 to 2400 mg/L
1494	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	alpha - HCH	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1495	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	alpha –Endosuphan	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1496	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Aluminium as Al	APHA 23rd Edn.-3500 AI-B/ 3120B: 2012	0.1 to 20 mg/L
1497	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Ammoniacal Nitrogen as NH <sub>3</sub> -N	APHA 23rd Edn. 4500 NH <sub>3</sub> B,C: 2012	1 to 500 mg/L
1498	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Anionic surface active agents as MBAS	APHA 23rd Edn.-5540 C: 2012	0.05 to 4 mg/L
1499	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Anthracene	USEPA 3510C & 8100: 1986	0.05 µg/L to 500 µg/L
1500	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Antimony as Sb	APHA 23rd 3500SbEdn/ 3120B: 2012	0.01 to 5 mg/L
1501	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Arsenic as As	APHA 23rd Edn. - 3500/3120B : 2012	0.005 to 2.0 mg/L
1502	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Atrazine	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1503	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Barium as Ba	APHA 23rd Edn.- 3500Ba/ 3120 B: 2012	0.1 to 5 mg/L



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1504	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Benzo (a) anthracene	USEPA 3510C & 8100: 1986	0.05 µg/L to 500 µg/L
1505	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Benzo (a) pyrene	USEPA 3510C & 8100: 1986	0.05 µg/L to 500 µg/L
1506	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Benzo (b) fluoranthene	USEPA 3510C & 8100: 1986	0.05 µg/L to 500 µg/L
1507	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Benzo (g,h,i) perylene	USEPA 3510C & 8100: 1986	0.05 µg/L to 500 µg/L
1508	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Benzo (k) fluoranthene	USEPA 3510C & 8100: 1986	0.05 µg/L to 500 µg/L
1509	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	beta - HCH	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1510	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	beta -Endosulphan	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1511	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Bio-Chemical Oxygen Demand (BOD) at 27°C for 3 days	IS 3025 (Part 44): 1993	10 to 12000 mg/L
1512	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Boron as B	APHA 23rd Edn-3500 B/3120B : 2012	0.05 to 20 mg/L
1513	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Bromide	APHA 23rd Edn.-4500-Br-B: 2012	0.2 to 5 mg/L
1514	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Butachlor	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1515	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Cadmium as Cd	APHA 23rd Edn. -3500 Cd /3120B : 2012	0.01 to 5 mg/L
1516	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Calcium as Ca	APHA 23rd Edn. - 3500- Ca-B: 2012	1 to 1000 mg/L





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<b>Permanent Facility</b>					
1517	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Chemical Oxygen Demand (COD)	APHA 23rd Edn. 2012-5220 B,C, IS 3025 (Part 58): 2006	5 to 50000 mg/L
1518	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Chloride as Cl-	APHA 23rd Edn.-4500 Cl – B: 2012	1 to 20000 mg/L
1519	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Chlorpyrifos	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1520	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Chromium as Cr	APHA 23rd Edn. - 3500 Cr /3120B : 2012	0.03 to 25 mg/L
1521	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Chrysenes	USEPA 3510C & 8100: 1986	0.05 µg/L to 500 µg/L
1522	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Cobalt as Co	APHA 23rd Edn. - 3500 Co /3120B: 2012	0.01 to 5 mg/L
1523	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Colour	APHA 23rd Edn-2120B: 2012	10 to 500 Hazen Units
1524	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Conductivity in µmhos/cm at 25°C	APHA 23rd Edn.-2510: 2012	1 to 10000 µmhos/cm
1525	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Copper as Cu	APHA 23rd Edn. -3500 Cu /3120B : 2012	0.05 to 10 mg/L
1526	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Cyanide as CN-	APHA 23rd Edn.- 4500 – CN- C,E: 2012	0.01 to 10 mg/L
1527	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	delta-HCH	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1528	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Dibenzo (a,h) anthracene	USEPA 3510C & 8100: 1986	0.05 µg/L to 500 µg/L
1529	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Dieldrin	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L





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<b>Permanent Facility</b>					
1530	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Dissolved Oxygen	APHA 23rd Edn.-4500 O, B, C: 2012	0.2 to 10 mg/L
1531	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Endosulfan Sulphate	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1532	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Ethion	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1533	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Fixed, Volatile Solids	APHA 23rd Edn.- 2540E: 2012	1 to 10000 mg/L
1534	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Fluoranthene	USEPA 3510C & 8100: 1986	0.05 µg/L to 500 µg/L
1535	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Fluorene	USEPA 3510C & 8100: 1986	0.05 µg/L to 500 µg/L
1536	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Fluoride as F-	APHA 23rd Edn.-4500 F- B, D(SPANDS method): 2012	0.2 to 20 mg/L
1537	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Free Ammonia as NH3	APHA 23rd Edn. 4500 NH3 B,C: 2012	0.1 to 10 mg/L
1538	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Free Residual Chlorine	APHA 23rd. Edn - 4500 - CI -B: 2005	1 to 50 mg/L
1539	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	gamma – HCH (Lindane)	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1540	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Hexavalent Chromium as Cr+6	APHA 23rd Edn.-3500-Cr-B: 2012	0.05 to 10 mg/L
1541	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Indeno (1,2,3-c,d) pyrene	USEPA 3510C & 8100: 1986	0.05 µg/L to 500 µg/L
1542	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Iron as Fe	APHA 23rd Edn. -3500-Fe/3120B: 2012	0.05 to 50 mg/L



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<b>Permanent Facility</b>					
1543	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Isoproturon	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1544	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Lead as Pb	APHA 23rd Edn.-3500 Pb 3120B: 2012	0.05 to 50 mg/L
1545	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Magnesium as Mg	APHA 23rd Edn. -2340 – Mg – C.: 2012	1 to 2000 mg/L
1546	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Malaoxon	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1547	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Malathion	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1548	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Manganese as Mn	APHA 23rd Edn.-3500 Mn/3120B : 2012	0.05 to 25 mg/L
1549	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Mercury as Hg	APHA 23rd Edn. – 3500Hg / 3112B /3120B: 2012	0.005 to 5 mg/L
1550	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Methyl Paraoxon	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1551	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Methyl Parathion	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1552	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Molybdenum as Mo	APHA 23rd Edn.-3500 Mo /3120B : 2012	0.05 to 5 mg/L
1553	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Monocrotophos	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1554	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Naphthalene	USEPA 3510C & 8100: 1986	0.05 µg/L to 500 µg/L
1555	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Nickel as Ni	APHA 23rd Edn. -3500 Ni /3120B : 2012	0.05 to 250 mg/L



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<b>Permanent Facility</b>					
1556	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Nitrate as NO <sub>3</sub>	4500 NO <sub>3</sub> - B APHA 23rd EDI : 2012	1 to 400 mg/L
1557	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Nitrite as NO <sub>2</sub>	APHA 23rd Edn.-4500-NO <sub>2</sub> B: 2012	0.05 to 50 mg/L
1558	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Oil and Grease	APHA 23rd Edn.-5520 B,C : 2012	1 to 2000 mg/L
1559	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Particle size of SS	IS 6339: 2013	10 to 10000 mg/L
1560	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Percent sodium	In House Validated Method (MBT/CL/SOP/098) (Issue No./Date : 01/06.08.2014): 2014	1 % to 100 %
1561	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	pH at 25°C	APHA 23rd Edn.-4500 H+ - B: 2012	2 to 12
1562	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Phenanthrene	USEPA 3510C & 8100: 1986	0.05 µg/L to 500 µg/L
1563	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Phenolic Compounds as C <sub>6</sub> H <sub>5</sub> OH	APHA 23rd Edn.-5530 B ; C; D: 2012	0.01 to 500 mg/L
1564	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Phorate	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1565	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	PhorateSulphone	USEPA 3510C & 8081A: 1996	0.10 to 500
1566	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	PhorateSulphoxide	USEPA 3510C & 8081A: 1996	0.10 µg/L to 500 µg/L
1567	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Phosphates as P	APHA 23rd Edn. -4500-P- B,D: 2012	0.05 to 100 mg/L



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<b>Permanent Facility</b>					
1568	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Potassium as K	IS 3025 (Part 45): 1993	1 to 800 mg/L
1569	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Pyrene	USEPA 3510C & 8100: 1986	0.05 µg/L to 500 µg/L
1570	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Residual Sodium carbonate	IS 11624: 1986	1 to 20 m.eq/L
1571	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Selenium as Se	APHA 23rd Edn- 3500 Se /3120B : 2012	0.02 to 5 mg/L
1572	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Settleable Solids	APHA 23rd Edn.- 2540F: 2012	1 to 5000 L
1573	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Silica as SiO <sub>2</sub>	APHA 23rd Edn.-4500 SiO <sub>2</sub> C : 2012	0.1 to 100 mg/L
1574	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Silver as Ag	APHA 23rd EDI - 3500 Ag / /3120B : 2012	0.1 to 5 mg/L
1575	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Sludge Volume Index (SVI)	APHA 23rd Edn.- 2710D: 2012	80 to 2000 mg/L
1576	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Sodium Absorbing Ratio	IS 11624: 1986	1 to 500
1577	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Sodium as Na	IS 3025 (Part 45): 1993	1 to 2000 mg/L
1578	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Strontium as Sr	APHA 23rd Edn.-3500 Sr/3120B : 2012	0.05 to 5 mg/L
1579	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Sulphate as SO <sub>4</sub> 2-	APHA 23rd Edn.- 4500 SO <sub>4</sub> 2 – C;E: 2012	1 to 12000 mg/L
1580	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Sulphide as H <sub>2</sub> S	APHA 23rd Edn.- 4500-S 2- F: 2012	1 to 100 mg/L



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<b>Permanent Facility</b>					
1581	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Sulphite as SO <sub>3</sub> 2 -	APHA 23rd Edn.- 4500B – SO <sub>3</sub> 2-: 2012	1 to 100 mg/L
1582	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Temperature °C	APHA 23rd Edn.- 2550B: 2012	20 to 50 °C
1583	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Tin as Sn	APHA 23rd Edn.-3500 Sn 3120B: 2012	0.01 to 5 mg/L
1584	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Total Dissolved Solids	APHA 23rd EDI - 2540C: 2012	1 to 50000 mg/L
1585	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Total Hardness as CaCO <sub>3</sub> Carbonate/Non-Carbonate Hardness as CaCO <sub>3</sub>	APHA 23rd Edn. - 2340 C, B: 2012	1 to 5000 mg/L
1586	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Total Nitrogen	APHA 23rd Edn. - 4500 - Norg - B: 2012	1.0 to 500 mg/L
1587	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Total Solids	APHA 23rd Edn. - 2540B: 2012	1 to 50000 mg/L
1588	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Total Suspended Solids (TSS)	APHA 23rd Edn.-2540 D: 2012	1 to 50000 mg/L
1589	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Turbidity	APHA 23rd Edn.- 2130 B : 2012	1.0 to 500 NTU
1590	CHEMICAL- WATER	Waste Water (Effluent / Sewage)	Zinc as Zn	APHA 23rd Edn.-3500 Zn /3120B : 2012	0.05 to 250 mg/L





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<b>Permanent Facility</b>					
1591	RADIOLOGICAL- FOOD & AGRICULTURE	FOOD MATRICES	Cs- 134	IAEA – Technical report series No.295 : 1989 / AERB - standard analytical methods for measurement of radionuclide content in food items (Clause : 4.3.3 : : 2003	5.5 Bq/kg to 14050 Bq/kg
1592	RADIOLOGICAL- FOOD & AGRICULTURE	FOOD MATRICES	Cs-137	IAEA – Technical report series No.295 : 1989 / AERB - standard analytical methods for measurement of radionuclide content in food items (Clause : 4.3.3 : : 2003	4.4 Bq/kg to 9730 Bq/kg
1593	RADIOLOGICAL- SOIL	Soil / Fly Ash	K- 40	IAEA – Technical report series No.295 : 1989 / AERB - standard analytical methods for measurement of radionuclide content in food items (Clause : 4.3.4 : : 2003	24.9 Bq/kg to 30000 Bq/kg
1594	RADIOLOGICAL- SOIL	Soil / Fly Ash	Th -232	IAEA – Technical report series No.295 : 1989 / AERB - standard analytical methods for measurement of radionuclide content in food items (Clause : 4.3.4 : 2003	5.9 Bq/kg to 27580 Bq/kg



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<b>Permanent Facility</b>					
1595	RADIOLOGICAL- SOIL	Soil / Fly Ash	U - 238	IAEA – Technical report series No.295 : 1989 / AERB - standard analytical methods for measurement of radionuclide content in food items (Clause : 4.3.4 : 2003	4.15 Bq/kg to 11390 Bq/kg
1596	RADIOLOGICAL- WATER	Water	GROSS ALPHA EMITTERS	IS 14194(PART 2) : 1994	0.0054 Bq/L to 860 Bq/L
1597	RADIOLOGICAL- WATER	Water	GROSS BETA EMITTERS	IS 14194(PART 1) : 2013	0.03 Bq/L to 740 Bq/L

'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.'