National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : INDUSTRIAL TESTING LABORATORY & CONSULTING HOUSE, GHALORI GATE, PATIALA, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 23/02/2022 to 22/02/2024 **Last Amended on** 12/05/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste water	Coliform	IS 1622
2	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste water	E.coli	IS1622
3	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste water	Fecal coliform	IS 1622
4	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste water	standard plate count	IS 1622
5	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Product	Coliform MPN	IS 5401(p-2)
6	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Product	Total Plate count	IS 5402
7	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Product	Yeast and mold count	IS 5403
8	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	E.coli	IS 5887 (P-1)
9	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	S. aureus	IS 5887 (P-2)
10	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Salmonella spp.	IS 5887 (P-3)
11	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverage (Alcoholic/Non-Alcoholic)	Coliform MPN	IS 5401 (Part -2)
12	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverage (Alcoholic/Non-Alcoholic)	Total plate count	IS 5402
13	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic/Non-Alcoholic)	Yeast and mold count	IS 5403

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14	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Coliform MPN	IS 5401(P-2)
15	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	E.coli (Isolation)	IS 5887 (P-1)
16	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Salmonella spp.	IS 5887 (P-3)
17	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Yeast and Mold count	IS 5403
18	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs,Spices & Condiments	Total plate count	IS 5402
19	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Coliform MPN	IS 5401 (Part-2)
20	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	E.coli Detection	IS 5887 (P-1)
21	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Total Plate Count	IS 5402
22	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Yeast and mold count	IS 5403
23	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Salmonella spp.	IS 5887 (P-3)
24	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	E.coli Detection	IS 5887 (P-1)
25	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Bacillus cereus count	IS 5887(Part-6)
26	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Coliform MPN	IS 5401 (Part-2)
27	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Staphylococcus aureus count	IS 5887 (P-8,Sec 1)

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28	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Total Plate count	IS 5402
29	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Yeast and mold count	IS:5403
30	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Staphylococcus aureus	IS 5887 (Part 2)
31	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Yeast and mold count	IS 5403
32	BIOLOGICAL- WATER	Drinking water	Coliform	IS 15185
33	BIOLOGICAL- WATER	Drinking water	E.coli	IS 15185
34	BIOLOGICAL- WATER	Drinking water	Fecal coliform	IS 1622
35	BIOLOGICAL- WATER	Drinking water	Salmonella spp.	IS 15187
36	BIOLOGICAL- WATER	Packaged Drinking Water	Aerobic Microbial Count	IS 5402
37	BIOLOGICAL- WATER	Packaged Drinking Water	Coliform	IS 15185
38	BIOLOGICAL- WATER	Packaged Drinking Water	E.coli	IS 15185
39	BIOLOGICAL- WATER	Packaged Drinking Water	Salmonella spp.	IS 5887 (Part 3)
40	BIOLOGICAL- WATER	Packaged Drinking Water	Yeast and mold count	IS 5403
41	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Aerobic Microbial Count	IS 5401(Part 2)
42	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Coliform	IS 15185
43	BIOLOGICAL- WATER	Packaged Natural Mineral Water	E.coli	IS 15185
44	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Salmonella spp.	IS 5887(Part 3)
45	BIOLOGICAL- WATER	Water for Processed Food Industry	Standard Plate Count	IS 1622
46	BIOLOGICAL- WATER	Water for Processed Food Industry	Total Coliform, MPN/100ml	IS 1622
47	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ammonia (NH3)	IS 5182:Part 25
48	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Arsenic (As) in Particulate matter	CPCB NAAQMS/36 (Vol. 1)
49	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Lead (As Pb) in particulate matter	IS 5182 (Part 22)
50	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nickel (Ni) in Particulate matter	IS 5182 (Part 26)
51	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Oxides of nitrogen (NOx)	IS 5182 (Part 6)

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52	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ozone	IS 5182 (Part 9)
53	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate Matter (PM2.5)	IS 5182 (Part 24)
54	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Respirable Suspended Particulate Matter	IS 5182 (Part 24)
55	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulphur dioxide	IS 5182 (Part 2)
56	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Noise Level	IS 9876/IS 9779
57	CHEMICAL- ATMOSPHERIC POLLUTION	Source Noise Levels (Excluding vibration)- Work Place	Noise Level	IS 4758
58	CHEMICAL- ATMOSPHERIC POLLUTION	stack emission	Carbon dioxide (CO2)	IS 13270
59	CHEMICAL- ATMOSPHERIC POLLUTION	stack emission	Carbon monoxide (CO)	IS 13270
60	CHEMICAL- ATMOSPHERIC POLLUTION	stack emission	Oxide of Nitrogen (NOx)	IS 11255 (Part 7)
61	CHEMICAL- ATMOSPHERIC POLLUTION	stack emission	Oxygen	IS 13270
62	CHEMICAL- ATMOSPHERIC POLLUTION	stack emission	Particulate matter (PM)	IS 11255 (Part 1)
63	CHEMICAL- ATMOSPHERIC POLLUTION	stack emission	Sulphur dioxide	IS 11255 (Part 2)
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta Maida Food grains (Wheat, Maize, Jawar, Rice, Masue whole, Urd whole, Moong whole, Chana whole, Arhar split, Moong split, Urd split, Chana split, Masur split)	Alcoholic acidity	FSSAI Lab Manual 3(8.6)
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta Maida Food grains (Wheat, Maize, Jawar, Rice, Masue whole, Urd whole, Moong whole, Chana whole, Arhar split, Moong split, Urd split, Chana split, Masur split)	Uric acid	FSSAI Lab Manual 3(3.0)
66	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta Maida Food grains (Wheat, Maize, Jawar, Rice, Masue whole, Urd whole, Moong whole, Chana whole, Arhar split, Moong split, Urd split, Chana split, Masur split)	ASH insoluble in dilute HCL	FSSAI Lab Manual 3(8.4)
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta Maida Food grains (Wheat, Maize, Jawar, Rice, Masue whole, Urd whole, Moong whole, Chana whole, Arhar split, Moong split, Urd split, Chana split, Masur split)	Carbohydrates	IS 1656:
68	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta Maida Food grains (Wheat, Maize, Jawar, Rice, Masue whole, Urd whole, Moong whole, Chana whole, Arhar split, Moong split, Urd split, Chana split, Masur split)	Crude fibre	FSSAI Lab Manual 3(8.9)

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69	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta Maida Food grains (Wheat, Maize, Jawar, Rice, Masue whole, Urd whole, Moong whole, Chana whole, Arhar split, Moong split, Urd split, Chana split, Masur split)	Damaged grain	FSSAI Lab Manual 3(1.1.2.2)
70	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta Maida Food grains (Wheat, Maize, Jawar, Rice, Masue whole, Urd whole, Moong whole, Chana whole, Arhar split, Moong split, Urd split, Chana split, Masur split)	FAT	IS 4684
71	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta Maida Food grains (Wheat, Maize, Jawar, Rice, Masue whole, Urd whole, Moong whole, Chana whole, Arhar split, Moong split, Urd split, Chana split, Masur split)	Foreign matter	FSSAI Lab Manual 3(1.1.2.1)
72	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta Maida Food grains (Wheat, Maize, Jawar, Rice, Masue whole, Urd whole, Moong whole, Chana whole, Arhar split, Moong split, Urd split, Chana split, Masur split)	Gluten (on dry weight basis)	FSSAI Lab Manual 3(8.5)
73	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta Maida Food grains (Wheat, Maize, Jawar, Rice, Masue whole, Urd whole, Moong whole, Chana whole, Arhar split, Moong split, Urd split, Chana split, Masur split)	Other edible grains	FSSAI Lab Manual 3(1.1.2.2)
74	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta Maida Food grains (Wheat, Maize, Jawar, Rice, Masue whole, Urd whole, Moong whole, Chana whole, Arhar split, Moong split, Urd split, Chana split, Masur split)	Total protein	FSSAI Lab Manual 3(8.8)
75	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta Maida Food grains (Wheat, Maize, Jawar, Rice, Masue whole, Urd whole, Moong whole, Chana whole, Arhar split, Moong split, Urd split, Chana split, Masur split)	Weevilled grains	FSSAI Lab Manual 3(1.1.2.2)
76	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta Maida Food grains (Wheat, Maize, Jawar, Rice, Masue whole, Urd whole, Moong whole, Chana whole, Arhar split, Moong split, Urd split, Chana split, Masur split)	Moisture	FSSAI Lab Manual 3(8.2),FSSAI Lab Manual 3(16.1),FSSAI Lab Manual 3(2.0)
77	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta Maida Food grains (Wheat, Maize, Jawar, Rice, Masue whole, Urd whole, Moong whole, Chana whole, Arhar split, Moong split, Urd split, Chana split, Masur split)	Total ash	FSSAI Lab Manual 3(8.3),FSSAI Lab Manual 3(16.2)
78	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	BAKERY PRODUCTS (Biscuits, Bread ,Sugar boiled confectionery Lozenges)	Total protein (on dry basis)	FSSAI Lab Manual 4 Part B (A.7)
79	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	BAKERY PRODUCTS (Biscuits, Bread ,Sugar boiled confectionery Lozenges)	Acid insoluble ash	FSSAI Lab Manual 3(14.4)
80	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	BAKERY PRODUCTS (Biscuits, Bread ,Sugar boiled confectionery Lozenges)	Acidity of extracted fat	FSSAI Lab Manual 3(14.5)
81	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	BAKERY PRODUCTS (Biscuits, Bread ,Sugar boiled confectionery Lozenges)	Alcholic acidity (on dry basis	FSSAI Lab Manual 3(15.3)
82	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	BAKERY PRODUCTS (Biscuits, Bread ,Sugar boiled confectionery Lozenges)	Ash sulphated (on salt free basis)	FSSAI Lab Manual 4 Part B(A.4)

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83	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	BAKERY PRODUCTS (Biscuits, Bread ,Sugar boiled confectionery Lozenges)	Fat (on dry basis)	FSSAI Lab Manual 4 Part B (A.8)
84	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	BAKERY PRODUCTS (Biscuits, Bread ,Sugar boiled confectionery Lozenges)	Moisture	FSSAI Lab Manual 3(14.3)
85	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverage-Alcoholic	Alcoholic content	IS 3752
86	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages- Alcoholic	Aldehydes	IS 3752
87	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter, Table butter, Desi cooking butter	Common Salt	FSSAI Lab Manual 1(12.4)
88	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter, Table butter, Desi cooking butter	Milk Fat	FSSAI Lab Manual 1(12.3)
89	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter, Table butter, Desi cooking butter	Milk solids (Not Fat)	FSSAI Lab Manual 1(4.4)
90	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter, Table butter, Desi cooking butter	Moisture	FSSAI Lab Manual 1(12.2)
91	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Food grain (whole & powder) Fennel (whole & powder) Fenugreek (whole & powder) Ginger (whole & powder) Mace (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Added starch in powered species	FSSAI Lab Manual-Part II (method for detection of adulterants)

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92	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Food grain (whole & powder) Fennel (whole & powder) Fenugreek (whole & powder) Ginger (whole & powder) Mace (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Artificial colours in chilli	FSSAI Lab Manual-Part II (method for detection of adulterants)
93	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Food grain (whole & powder) Fennel (whole & powder) Fenugreek (whole & powder) Ginger (whole & powder) Mace (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Artificially coloured peas	FSSAI Lab Manual-Part II (method for detection of adulterants)
94	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Food grain (whole & powder) Fennel (whole & powder) Fenugreek (whole & powder) Ginger (whole & powder) Mace (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Brick powder, salt, talc in chili powder	FSSAI Lab Manual-Part II (method for detection of adulterants)
95	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Food grain (whole & powder) Fennel (whole & powder) Fenugreek (whole & powder) Ginger (whole & powder) Mace (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Chalk powder, yellow soap, stone powder	FSSAI Lab Manual-Part II (method for detection of adulterants)

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96	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Food grain (whole & powder) Fennel (whole & powder) Fenugreek (whole & powder) Ginger (whole & powder) Mace (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Coloured saw dust in turmeric powder	FSSAI Lab Manual-Part II (method for detection of adulterants)
97	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Food grain (whole & powder) Fennel (whole & powder) Fenugreek (whole & powder) Ginger (whole & powder) Mace (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Extraneous matter	FSSAI Lab Manual 10(2.0)
98	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Food grain (whole & powder) Fennel (whole & powder) Fenugreek (whole & powder) Ginger (whole & powder) Mace (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Foreign edible seeds	IS 1797
99	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Food grain (whole & powder) Fennel (whole & powder) Fenugreek (whole & powder) Ginger (whole & powder) Mace (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Freedom from mould & insects	IS 2443

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100	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Food grain (whole & powder) Fennel (whole & powder) Fenugreek (whole & powder) Ginger (whole & powder) Mace (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Insect damaged matter	IS 1797
101	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Food grain (whole & powder) Fennel (whole & powder) Fenugreek (whole & powder) Ginger (whole & powder) Mace (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Living insects	FSSAI Lab Manual 10
102	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Food grain (whole & powder) Fennel (whole & powder) Fenugreek (whole & powder) Ginger (whole & powder) Mace (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Malachite green in green chilli & green vegetable	FSSAI Lab Manual-Part II (method for detection of adulterants)
103	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Food grain (whole & powder) Fennel (whole & powder) Fenugreek (whole & powder) Ginger (whole & powder) Mace (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Oil soluble coal tar colour	FSSAI Lab Manual-Part II (method for detection of adulterants)

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104	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Food grain (whole & powder) Fennel (whole & powder) Fenugreek (whole & powder) Ginger (whole & powder) Mace (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Papaya seeds	FSSAI Lab Manual-Part II (method for detection of adulterants)
105	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Food grain (whole & powder) Fennel (whole & powder) Fenugreek (whole & powder) Ginger (whole & powder) Mace (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Rhodamine b in chili	FSSAI Lab Manual-Part II (method for detection of adulterants)
106	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Food grain (whole & powder) Fennel (whole & powder) Fenugreek (whole & powder) Ginger (whole & powder) Mace (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Rodent contamination	FSSAI Lab Manual 10
107	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Food grain (whole & powder) Fennel (whole & powder) Fenugreek (whole & powder) Ginger (whole & powder) Mace (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Sudan III in chili powder	FSSAI Lab Manual-Part II (method for detection of adulterants)

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108	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Food grain (whole & powder) Fennel (whole & powder) Fenugreek (whole & powder) Ginger (whole & powder) Mace (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Water soluble synthetic colour	FSSAI Lab Manual-Part II (method for detection of adulterants)
109	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Fennel (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Total ash (on dry basis)	FSSAI Lab Manual 10(4.0)
110	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Fennel (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Alcoholic extract	FSSAI Lab Manual 10(16.3)
111	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Fennel (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Ash insoluble in dilute HCL	FSSAI Lab Manual 10(5.0)

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112	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Fennel (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Cold water soluble extract on dry basis	FSSAI Lab Manual 10(6.0)
113	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Fennel (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Crude fiber	FSSAI Lab Manual 10(11)
114	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Fennel (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Moisture	FSSAI Lab Manual 10(3.0)
115	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Fennel (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Non-volatile ether extract	FSSAI Lab Manual 10(9.0)

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116	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Fennel (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Protein	IS 7219
117	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Fennel (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Total starch	FSSAI Lab Manual 10(15.5)
118	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway cardamom Chillies and capsicum (whole & powder) Cinnamon (whole & powder) Cassia (whole & powder) Cloves (whole & powder) Coriander (whole & powder) Cumin (white whole, white powder, black whole, black powder) Fennel (whole & powder) Mustard (whole & powder) Nutmeg (whole & powder) Pepper black (whole, powder, light, pinheads) Poppy whole Saffron (whole & powder) Turmeric (whole & powder) Curry powder, mixed masala, aniseed, ajowan, dried mango ,slices, Pepper white (whole & powder) Garlic dried, celery, dehydrated onion, asfoetida	Volatile oil	FSSAI Lab Manual 10(10)
119	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chakka and Shrikhand	Milk Fat	FSSAI Lab Manual 1(14.3)
120	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chakka and Shrikhand	Titrable acidity	FSSAI Lab Manual 1(9.5)
121	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chakka and Shrikhand	Total Ash	FSSAI Lab Manual 1(10.7)
122	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chakka and Shrikhand	Total solids	FSSAI Lab Manual 1(14.2)

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123	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cheese	Milk Fat	FSSAI Lab Manual 1(6.3)
124	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cheese	Moisture	FSSAI Lab Manual 1(6.2)
125	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chhena or Paneer	Milk Fat (on dry basis)	FSSAI Lab Manual 1(5.3)
126	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chhena or Paneer	Moisture	FSSAI Lab Manual 1(5.2)
127	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Acid-insoluble ash	FSSAI Lab Manual 4(1.5)
128	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Insect & insect fragments	FSSAI Lab Manual 3
129	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Rodent hair & excreta	FSSAI Lab Manual 3
130	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee	Total ash	FSSAI Lab Manual 4(1.3)
131	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cream and Malai (sterilized cream ,cream powder)	Milk fat	FSSAI Lab Manual 1(2.2)
132	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cream Malai (sterilized Cream ,Cream Powder)	Titrable acidity	FSSAI Lab Manual 1(10.4)
133	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cream Malai (Sterilized Cream, Cream powder)	Total solids	FSSAI Lab Manual 1(4.4)
134	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dahi Or Curd	Milk Fat	FSSAI Lab Manual 1(4.2)
135	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dahi Or Curd	Titrable acidity	FSSAI Lab Manual 1(10.4)
136	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dahi Or Curd	Total Solids	FSSAI Lab Manual 1(4.4)

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137	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy based dessert/Confection (Ice cream , Kulfi, Dried Ice cream, Mix frozen desert, Milk Ice or Milk Lolly)	Milk Fat	FSSAI Lab Manual 1(7.4)
138	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy based dessert/Confection (Ice cream , Kulfi, Dried Ice cream, Mix frozen desert, Milk Ice or Milk Lolly)	Protein	FSSAI Lab Manual 1(7.5)
139	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy based dessert/Confection (Ice cream , Kulfi, Dried Ice cream, Mix frozen desert, Milk Ice or Milk Lolly)	Total solids	FSSAI Lab Manual 1(7.2)
140	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Common Salt	Iodine content (on dry basis)	IS 7224
141	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Common Salt	Matter insoluble in water (on dry basis)	IS 253
142	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Common Salt	Matter soluble in water other than sodium chloride(on dry basis)	IS 253
143	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Common Salt	Moisture	IS 253
144	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Common Salt	Sodium chloride (on dry basis)	IS 253
145	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Evaporated/ Condensed Milk & Milk product	Milk Fat	FSSAI Lab Manual 1(10.3)
146	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Evaporated/ Condensed Milk & Milk product	Moisture	FSSAI Lab Manual 1(10.2)
147	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Evaporated/ Condensed Milk & Milk product	Protein	FSSAI Lab Manual 1(10.6)
148	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Evaporated/ Condensed Milk & Milk product	Titrable acidity	FSSAI Lab Manual 1(10.4)
149	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Evaporated/ Condensed Milk & Milk product	Total ash	FSSAI Lab Manual 1(10.7)
150	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Freshly prepared food (Ready to eat) Sandwiches/Burger, Chawal, Roti, Sabzi, Cereals	Acid insoluble ash	IS 4684

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151	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Freshly prepared food (Ready to eat) Sandwiches/Burger, Chawal, Roti, Sabzi, Cereals	Ash	IS 1155
152	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Freshly prepared food (Ready to eat) Sandwiches/Burger, Chawal, Roti, Sabzi, Cereals	Carbohydrate	IS 1656
153	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Freshly prepared food (Ready to eat) Sandwiches/Burger, Chawal, Roti, Sabzi, Cereals	Crude fibre	IS 10226(Part 1)
154	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Freshly prepared food (Ready to eat) Sandwiches/Burger, Chawal, Roti, Sabzi, Cereals	Energy	CAC/GL2
155	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Freshly prepared food (Ready to eat) Sandwiches/Burger, Chawal, Roti, Sabzi, Cereals	Fat	IS 4684
156	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Freshly prepared food (Ready to eat) Sandwiches/Burger, Chawal, Roti, Sabzi, Cereals	Moisture	IS 1155
157	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Freshly prepared food (Ready to eat) Sandwiches/Burger, Chawal, Roti, Sabzi, Cereals	Protein	IS 7219
158	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Drinks/Ready To Serve Drinks Concentrates soup Powders, Fruit/Vegetable Juice/ Pulp/ Concentrated Fruit Vegetable Juice/ Pulp/ Puree With Preservatives For Industrial Use Tamarind Pulp/Puree And Concentrate Fruit Bar/ Fruit/Vegetable, Squashes, Crushes, Fruit Syrups/Fruit Sharbats, Barley water, Dehydrated Vegetables,Frozen Vegetables,Pickles, Vinegar,Ginger cocktail, Murabba Candied, Crystallized and Glazed Fruit/Vegetable/Fruit Peel Tomato Ketchup And Tomato Sauce, Soyabean Sauce, Fruit Drinks,Jam, Fruit Jelly, Fruit Cheese, Marmalades	Total sugar	FSSAI Lab Manual 5(2.6)
159	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Drinks/Ready To Serve Drinks Concentrates soup Powders, Fruit/Vegetable Juice/Pulp/ Concentrated Fruit Vegetable Juice/ Pulp/ Puree With Preservatives For Industrial Use Tamarind Pulp/Puree And Concentrate Fruit Bar/ Fruit/Vegetable, Squashes, Crushes, Fruit Syrups/Fruit Sharbats, Barley water, Dehydrated Vegetables, Frozen Vegetables, Pickles, Vinegar, Ginger cocktail, Murabba Candied, Crystallized and Glazed Fruit/Vegetable/ Fruit Peel Tomato Ketchup And Tomato Sauce, Soyabean Sauce, Fruit Drinks, Jam, Fruit Jelly, Fruit Cheese, Marmalades	Salt	FSSAI Lab Manual 5(1.7.3)

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160	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Drinks/Ready To Serve Drinks Concentrates soup Powders, Fruit/Vegetable Juice/Pulp/ Concentrated Fruit Vegetable Juice/ Pulp/ Puree With Preservatives For Industrial Use Tamarind Pulp/Puree And Concentrate Fruit Bar/ Fruit/Vegetable, Squashes, Crushes, Fruit Syrups/Fruit Sharbats, Barley water,Dehydrated Vegetables,Frozen Vegetables, Pickles, Vinegar,Ginger cocktail, Murabba Candied, Crystallized and Glazed Fruit/Vegetable/Fruit Peel Tomato Ketchup And Tomato Sauce, Soyabean Sauce, Fruit Drinks,Jam, Fruit Jelly, Fruit Cheese, Marmalades	Protein	FSSAI Lab Manual 5(14.5)
161	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Drinks/Ready To Serve Drinks Concentrates soup Powders, Fruit/Vegetable Juice/Pulp/ Concentrated Fruit Vegetable Juice/ Pulp/ Puree With Preservatives For Industrial Use Tamarind Pulp/Puree And Concentrate Fruit Bar/ Fruit/Vegetable, Squashes, Crushes, Fruit Syrups/Fruit Sharbats, Barley water,Dehydrated Vegetables,Frozen Vegetables,Pickels, Vinegar,Ginger cocktail, Murabba Candied, Crystallised and Glazed Fruit/Vegetable/Fruit Peel Tomato Ketchup And Tomato Sauce, Soyabean Sauce, Fruit Drinks,Jam, Fruit Jelly, Fruit Cheese, Marmalades	Acidity	IS 2860
162	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Drinks/Ready To Serve Drinks Concentrates soup Powders, Fruit/Vegetable Juice/Pulp/ Concentrated Fruit Vegetable Juice/ Pulp/ Puree With Preservatives For Industrial Use Tamarind Pulp/Puree And Concentrate Fruit Bar/ Fruit/Vegetable, Squashes, Crushes, Fruit Syrups/Fruit Sharbats, Barley water,Dehydrated Vegetables,Frozen Vegetables,Pickels, Vinegar,Ginger cocktail, Murabba Candied, Crystallised and Glazed Fruit/Vegetable/Fruit Peel Tomato Ketchup And Tomato Sauce, Soyabean Sauce, Fruit Drinks,Jam, Fruit Jelly, Fruit Cheese, Marmalades	Ash	FSSAI Lab Manual 5(17.3)
163	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Drinks/Ready To Serve Drinks Concentrates soup Powders, Fruit/Vegetable Juice/Pulp/ Concentrated Fruit Vegetable Juice/ Pulp/ Puree With Preservatives For Industrial Use Tamarind Pulp/Puree And Concentrate Fruit Bar/ Fruit/Vegetable, Squashes, Crushes, Fruit Syrups/Fruit Sharbats, Barley water,Dehydrated Vegetables,Frozen Vegetables,Pickles, Vinegar,Ginger cocktail, Murabba Candied, Crystallized and Glazed Fruit/Vegetable/Fruit Peel Tomato Ketchup And Tomato Sauce, Soyabean Sauce, Fruit Drinks,Jam, Fruit Jelly, Fruit Cheese, Marmalades	pH value	IS 2860

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164	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Drinks/Ready To Serve Drinks Concentrates soup Powders, Fruit/Vegetable Juice/Pulp/ Concentrated Fruit Vegetable Juice/ Pulp/ Puree With Preservatives For Industrial Use Tamarind Pulp/Puree And Concentrate Fruit Bar/ Fruit/Vegetable, Squashes, Crushes, Fruit Syrups/Fruit Sharbats, Barley water,Dehydrated Vegetables,Frozen Vegetables,Pickles, Vinegar,Ginger cocktail, Murabba Candied, Crystallized and Glazed Fruit/Vegetable/Fruit Peel Tomato Ketchup And Tomato Sauce, Soyabean Sauce, Fruit Drinks,Jam, Fruit Jelly, Fruit Cheese, Marmalades	Fruit content	FSSAI Lab Manual 5(2.11)
165	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Drinks/Ready To Serve Drinks Concentrates soup Powders, Fruit/Vegetable Juice/Pulp/ Concentrated Fruit Vegetable Juice/ Pulp/ Puree With Preservatives For Industrial Use Tamarind Pulp/Puree And Concentrate Fruit Bar/ Fruit/Vegetable, Squashes, Crushes, Fruit Syrups/Fruit Sharbats, Barley water,Dehydrated Vegetables,Frozen Vegetables,Pickles, Vinegar,Ginger cocktail, Murabba Candied, Crystallized and Glazed Fruit/Vegetable/Fruit Peel Tomato Ketchup And Tomato Sauce, Soyabean Sauce, Fruit Drinks,Jam, Fruit Jelly, Fruit Cheese, Marmalades	Total soluble solids	FSSAI Lab Manual 5(1.6)
166	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee and Milk Fat	FFA as oleic aci	FSSAI Lab Manual 1(13.4)
167	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee and Milk Fat	iodine value	IS 3508
168	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee and Milk Fat	Moisture	FSSAI Lab Manual 1(13.2)
169	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee and Milk Fat	Peroxide value	FSSAI Lab Manual 1(13.8)
170	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee and Milk Fat	Refractive index	FSSAI Lab Manual 1(13.3)
171	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee and Milk Fat	Reichert value	FSSAI Lab Manual 1(13.5)
172	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee and Milk Fat	Saponification value	IS 3508
173	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Aniline chloride test	FSSAI Lab Manual 4 (6.6.2)

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174	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Extraneous matter	IS 4941
175	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Fiehe's test	FSSAI Lab Manual 4 (6.6.1)
176	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Foreign matter	IS 4941
177	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Invert sugar/ jaggery	FSSAI Lab Manual-Part II (method for detection of adulterants)
178	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Sugar solution	FSSAI Lab Manual-Part II (method for detection of adulterants)
179	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey & honey products	Acidity as formic acid	FSSAI Lab Manual 4(6.8)
180	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey & honey products	Ash	FSSAI Lab Manual 4(6.7)
181	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey & honey products	Fructose-Glucose ratio	FSSAI Lab Manual 4(6.5)
182	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey & honey products	Moisture	FSSAI Lab Manual 4(6.2)
183	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey & honey products	Optical density at 660nm	IS 4941
184	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey & honey products	Specific gravity	FSSAI Lab Manual 4(6.3)
185	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey & honey products	Sucrose	FSSAI Lab Manual 4(6.4.4)
186	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey & honey products	Total reducing sugars	FSSAI Lab Manual 4(6.4)
187	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Khoya	Milk Fat	FSSAI Lab Manual 1(11.3)

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188	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Khoya	Moisture	FSSAI Lab Manual 1(11.2)
189	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	MILK CREAM MALAI, DAHI OR CURD,CHHENA OR PANEER,CHEESE DAIRY BASED DESSERTS/CONFECTIONS (Ice Cream, Kulfi, Dreid Ice Cream Mix, Frozen Dessert, Milk ice Or Milk Lolly) KHOYA EVAPORATED/CONDENSED MILK & MILK PRODUCTS (Evaporated Milk, Sweetened Condensed Milk, Milk Powder) FOODS FOR INFANT NUTRITION (Infant Milk Food ,Infant Formula, Milk Cereal Based Complementary, Processed Cereal Based Complementary) CHAKKA AND SHRIKHAND, FERMENTED MILK PRODUCTS, WHEY PRODUCTS, EDIBLE CASEIN PRODUCTS	Ammonium compound in milk	FSSAI Lab Manual 1(1.2.5)
190	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	MILK CREAM MALAI, DAHI OR CURD,CHHENA OR PANEER, CHEESE DAIRY BASED DESSERTS/CONFECTIONS (Ice Cream, Kulfi, Dreid Ice Cream Mix, Frozen Dessert, Milk ice Or Milk Lolly) KHOYA EVAPORATED/CONDENSED MILK & MILK PRODUCTS (Evaporated Milk, Sweetened Condensed Milk, Milk Powder) FOODS FOR INFANT NUTRITION (Infant Milk Food, Infant Formula, Milk Cereal Based Complementary, Processed Cereal Based Complementary) CHAKKA AND SHRIKHAND, FERMENTED MILK PRODUCTS, WHEY PRODUCTS, EDIBLE CASEIN PRODUCTS	Boric acid in milk	FSSAI Lab Manual-Part II (method for detection of adulterants)
191	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	MILK CREAM MALAI, DAHI OR CURD,CHHENA OR PANEER,CHEESE DAIRY BASED DESSERTS/CONFECTIONS (Ice Cream, Kulfi, Dried Ice Cream Mix, Frozen Dessert, Milk ice Or Milk Lolly) KHOYA EVAPORATED/CONDENSED MILK & MILK PRODUCTS (Evaporated Milk, Sweetened Condensed Milk, Milk Powder) FOODS FOR INFANT NUTRITION (Infant Milk Food ,Infant Formula, Milk Cereal Based Complementary, Processed Cereal Based Complementary) CHAKKA AND SHRIKHAND, FERMENTED MILK PRODUCTS, WHEY PRODUCTS, EDIBLE CASEIN PRODUCTS	Added glucose in milk	FSSAI Lab Manual 1(1.2.7)
192	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	MILK CREAM MALAI,DAHI OR CURD,CHHENA OR PANEER,CHEESE DAIRY BASED DESSERTS/CONFECTIONS (Ice Cream, Kulfi, Dreid Ice Cream Mix, Frozen Dessert, Milk ice Or Milk Lolly) KHOYA EVAPORATED/CONDENSED MILK & MILK PRODUCTS (Evaporated Milk, Sweetened Condensed Milk, Milk Powder) FOODS FOR INFANT NUTRITION (Infant Milk Food ,Infant Formula, Milk Cereal Based Complementary, Processed Cereal Based Complementary) CHAKKA AND SHRIKHAND,FERMENTED MILK PRODUCTS,WHEY PRODUCTS, EDIBLE CASEIN PRODUCTS	Cane sugar in milk	FSSAI Lab Manual 1(1.2.1)

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193	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	MILK CREAM MALAI,DAHI OR CURD,CHHENA OR PANEER,CHEESE DAIRY BASED DESSERTS/CONFECTIONS (Ice Cream, Kulfi, Dreid Ice Cream Mix, Frozen Dessert, Milk ice Or Milk Lolly) KHOYA EVAPORATED/CONDENSED MILK & MILK PRODUCTS (Evaporated Milk, Sweetened Condensed Milk, Milk Powder) FOODS FOR INFANT NUTRITION (Infant Milk Food ,Infant Formula, Milk Cereal Based Complementary, Processed Cereal Based Complementary) CHAKKA AND SHRIKHAND, FERMENTED MILK PRODUCTS,WHEY PRODUCTS, EDIBLE CASEIN PRODUCTS	Detergent in milk	FSSAI Lab Manual-Part II (method for detection of adulterants)
194	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	MILK CREAM MALAI,DAHI OR CURD,CHHENA OR PANEER,CHEESE DAIRY BASED DESSERTS/CONFECTIONS (Ice Cream, Kulfi, Dreid Ice Cream Mix, Frozen Dessert, Milk ice Or Milk Lolly) KHOYA EVAPORATED/CONDENSED MILK & MILK PRODUCTS (Evaporated Milk, Sweetened Condensed Milk, Milk Powder) FOODS FOR INFANT NUTRITION (Infant Milk Food ,Infant Formula, Milk Cereal Based Complementary, Processed Cereal Based Complementary) CHAKKA AND SHRIKHAND, FERMENTED MILK PRODUCTS, WHEY PRODUCTS, EDIBLE CASEIN PRODUCTS	Sulphates in milk	FSSAI Lab Manual 1(1.2.6)
195	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	MILK CREAM MALAI,DAHI OR CURD,CHHENA OR PANEER,CHEESE DAIRY BASED DESSERTS/CONFECTIONS (Ice Cream, Kulfi, Dreid Ice Cream Mix, Frozen Dessert, Milk ice Or Milk Lolly) KHOYA EVAPORATED/CONDENSED MILK & MILK PRODUCTS (Evaporated Milk, Sweetened Condensed Milk, Milk Powder) FOODS FOR INFANT NUTRITION (Infant Milk Food ,Infant Formula, Milk Cereal Based Complementary, Processed Cereal Based Complementar) CHAKKA AND SHRIKHAND, FERMENTED MILK PRODUCTS,WHEY PRODUCTS, EDIBLE CASEIN PRODUCTS	Nitrates in milk	FSSAI Lab Manual 1(1.2.10)
196	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	MILK CREAM MALAI,DAHI OR CURD,CHHENA OR PANEER,CHEESE DAIRY BASED DESSERTS/CONFECTIONS (Ice Cream, Kulfi, Dreid Ice Cream Mix, Frozen Dessert, Milk ice Or Milk Lolly) KHOYA EVAPORATED/CONDENSED MILK & MILK PRODUCTS (Evaporated Milk, Sweetened Condensed Milk, Milk Powder) FOODS FOR INFANT NUTRITION (Infant Milk Food ,Infant Formula, Milk Cereal Based Complementary, Processed Cereal Based Complementar) CHAKKA AND SHRIKHAND,FERMENTED MILK PRODUCTS,WHEY PRODUCTS,EDIBLE CASEIN PRODUCTS	Cellulose in milk	FSSAI Lab Manual 1(1.2.3)

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197	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	MILK CREAM MALAI,DAHI OR CURD,CHHENA OR PANEER,CHEESE DAIRY BASED DESSERTS/CONFECTIONS (Ice Cream, Kulfi, Dreid Ice Cream Mix, Frozen Dessert, Milk ice Or Milk Lolly) KHOYA EVAPORATED/CONDENSED MILK & MILK PRODUCTS (Evaporated Milk, Sweetened Condensed Milk, Milk Powder) FOODS FOR INFANT NUTRITION (Infant Milk Food ,Infant Formula, Milk Cereal Based Complementary, Processed Cereal Based Complementar) CHAKKA AND SHRIKHAND,FERMENTED MILK PRODUCTS,WHEY PRODUCTS,EDIBLE CASEIN PRODUCTS	Foreign fat in milk	FSSAI Lab Manual 1(1.2.9)
198	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	MILK CREAM MALAI,DAHI OR CURD,CHHENA OR PANEER,CHEESE DAIRY BASED DESSERTS/CONFECTIONS (Ice Cream, Kulfi, Dreid Ice Cream Mix, Frozen Dessert, Milk ice Or Milk Lolly) KHOYA EVAPORATED/CONDENSED MILK & MILK PRODUCTS (Evaporated Milk, Sweetened Condensed Milk, Milk Powder) FOODS FOR INFANT NUTRITION (Infant Milk Food ,Infant Formula, Milk Cereal Based Complementary, Processed Cereal Based Complementar) CHAKKA AND SHRIKHAND,FERMENTED MILK PRODUCTS,WHEY PRODUCTS,EDIBLE CASEIN PRODUCTS	Formalin in milk	FSSAI Lab Manual 1(1.2.17)
199	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	MILK CREAM MALAI,DAHI OR CURD,CHHENA OR PANEER,CHEESE DAIRY BASED DESSERTS/CONFECTIONS (Ice Cream, Kulfi, Dreid Ice Cream Mix, Frozen Dessert, Milk ice Or Milk Lolly) KHOYA EVAPORATED/CONDENSED MILK & MILK PRODUCTS (Evaporated Milk, Sweetened Condensed Milk, Milk Powder) FOODS FOR INFANT NUTRITION (Infant Milk Food ,Infant Formula, Milk Cereal Based Complementary, Processed Cereal Based Complementar) CHAKKA AND SHRIKHAND,FERMENTED MILK PRODUCTS,WHEY PRODUCTS,EDIBLE CASEIN PRODUCTS	Neutralizers in milk	FSSAI Lab Manual 1(1.2.11)
200	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	MILK CREAM MALAI,DAHI OR CURD,CHHENA OR PANEER,CHEESE DAIRY BASED DESSERTS/CONFECTIONS (Ice Cream, Kulfi, Dreid Ice Cream Mix, Frozen Dessert, Milk ice Or Milk Lolly) KHOYA EVAPORATED/CONDENSED MILK & MILK PRODUCTS (Evaporated Milk, Sweetened Condensed Milk, Milk Powder) FOODS FOR INFANT NUTRITION (Infant Milk Food ,Infant Formula, Milk Cereal Based Complementary, Processed Cereal Based Complementar) CHAKKA AND SHRIKHAND,FERMENTED MILK PRODUCTS,WHEY PRODUCTS,EDIBLE CASEIN PRODUCTS	Salicylic acid in milk	FSSAI Lab Manual 1(1.2.20)

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201	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	MILK CREAM MALAI,DAHI OR CURD,CHHENA OR PANEER,CHEESE DAIRY BASED DESSERTS/CONFECTIONS (Ice Cream, Kulfi, Dreid Ice Cream Mix, Frozen Dessert, Milk ice Or Milk Lolly) KHOYA EVAPORATED/CONDENSED MILK & MILK PRODUCTS (Evaporated Milk, Sweetened Condensed Milk, Milk Powder) FOODS FOR INFANT NUTRITION (Infant Milk Food ,Infant Formula, Milk Cereal Based Complementary, Processed Cereal Based Complementar) CHAKKA AND SHRIKHAND,FERMENTED MILK PRODUCTS,WHEY PRODUCTS,EDIBLE CASEIN PRODUCTS	Skimmed milk powder in milk	FSSAI Lab Manual 1(1.2.15)
202	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	MILK CREAM MALAI,DAHI OR CURD,CHHENA OR PANEER,CHEESE DAIRY BASED DESSERTS/CONFECTIONS (Ice Cream, Kulfi, Dreid Ice Cream Mix, Frozen Dessert, Milk ice Or Milk Lolly) KHOYA EVAPORATED/CONDENSED MILK & MILK PRODUCTS (Evaporated Milk, Sweetened Condensed Milk, Milk Powder) FOODS FOR INFANT NUTRITION (Infant Milk Food ,Infant Formula, Milk Cereal Based Complementary, Processed Cereal Based Complementar) CHAKKA AND SHRIKHAND,FERMENTED MILK PRODUCTS,WHEY PRODUCTS,EDIBLE CASEIN PRODUCTS	Sodium bi-carbonate/neutralizer	FSSAI Lab Manual-Part ll(method for detection of adulterants)
203	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	MILK CREAM MALAI,DAHI OR CURD,CHHENA OR PANEER,CHEESE DAIRY BASED DESSERTS/CONFECTIONS (Ice Cream, Kulfi, Dreid Ice Cream Mix, Frozen Dessert, Milk ice Or Milk Lolly) KHOYA EVAPORATED/CONDENSED MILK & MILK PRODUCTS (Evaporated Milk, Sweetened Condensed Milk, Milk Powder) FOODS FOR INFANT NUTRITION (Infant Milk Food ,Infant Formula, Milk Cereal Based Complementary, Processed Cereal Based Complementar) CHAKKA AND SHRIKHAND,FERMENTED MILK PRODUCTS,WHEY PRODUCTS,EDIBLE CASEIN PRODUCTS	Sodium chloride in milk	FSSAI Lab Manual 1(1.2.8)
204	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	MILK CREAM MALAI,DAHI OR CURD,CHHENA OR PANEER,CHEESE DAIRY BASED DESSERTS/CONFECTIONS (Ice Cream, Kulfi, Dreid Ice Cream Mix, Frozen Dessert, Milk ice Or Milk Lolly) KHOYA EVAPORATED/CONDENSED MILK & MILK PRODUCTS (Evaporated Milk, Sweetened Condensed Milk, Milk Powder) FOODS FOR INFANT NUTRITION (Infant Milk Food ,Infant Formula, Milk Cereal Based Complementary, Processed Cereal Based Complementar) CHAKKA AND SHRIKHAND,FERMENTED MILK PRODUCTS,WHEY PRODUCTS,EDIBLE CASEIN PRODUCTS	Starch in milk	FSSAI Lab Manual 1(1.2.2)

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205	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	MILK CREAM MALAI,DAHI OR CURD,CHHENA OR PANEER,CHEESE DAIRY BASED DESSERTS/CONFECTIONS (Ice Cream, Kulfi, Dreid Ice Cream Mix, Frozen Dessert, Milk ice Or Milk Lolly) KHOYA EVAPORATED/CONDENSED MILK & MILK PRODUCTS (Evaporated Milk, Sweetened Condensed Milk, Milk Powder) FOODS FOR INFANT NUTRITION (Infant Milk Food ,Infant Formula, Milk Cereal Based Complementary, Processed Cereal Based Complementar) CHAKKA AND SHRIKHAND,FERMENTED MILK PRODUCTS,WHEY PRODUCTS,EDIBLE CASEIN PRODUCTS	Urea in milk	FSSAI Lab Manual 1(1.2.4)
206	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	MILK CREAM MALAI,DAHI OR CURD,CHHENA OR PANEER,CHEESE DAIRY BASED DESSERTS/CONFECTIONS (Ice Cream, Kulfi, Dreid Ice Cream Mix, Frozen Dessert, Milk ice Or Milk Lolly) KHOYA EVAPORATED/CONDENSED MILK & MILK PRODUCTS (Evaporated Milk, Sweetened Condensed Milk, Milk Powder) FOODS FOR INFANT NUTRITION (Infant Milk Food ,Infant Formula, Milk Cereal Based Complementary, Processed Cereal Based Complementar) CHAKKA AND SHRIKHAND,FERMENTED MILK PRODUCTS,WHEY PRODUCTS,EDIBLE CASEIN PRODUCTS	Water in milk	FSSAI Lab Manual -Part II (method for detection of adulterants)
207	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	MILK	Milk fat	FSSAI LAB.MANUAL 4(1.3.4),
208	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk	Titrable acidity	FSSAI LAB.MANUAL 4(10.4)
209	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk	Total Solids	FSSAI LAB.MANUAL 4(1.3.3),
210	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	MILK CREAM MALAI,DAHI OR CURD,CHHENA OR PANEER,CHEESE DAIRY BASED DESSERTS/CONFECTIONS (Ice Cream, Kulfi, Dreid Ice Cream Mix, Frozen Dessert, Milk ice Or Milk Lolly) KHOYA EVAPORATED/CONDENSED MILK & MILK PRODUCTS (Evaporated Milk, Sweetened Condensed Milk, Milk Powder) FOODS FOR INFANT NUTRITION (Infant Milk Food ,Infant Formula, Milk Cereal Based Complementary, Processed Cereal Based Complementar) CHAKKA AND SHRIKHAND,FERMENTED MILK PRODUCTS,WHEY PRODUCTS,EDIBLE CASEIN PRODUCTS	Saccharin	FSSAI Lab Manual-Part II (method for detection of adulterants)
211	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS AND RAISINS (Groundnuts, Raisins, Pistachio Nuts, Dates, Dry Fruits & Nuts)	Acid insoluble ash	IS 4684
212	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS AND RAISINS (Groundnuts, Raisins, Pistachio Nuts, Dates, Dry Fruits & Nuts)	Acid value of extracted fat	IS 4684

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213	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS AND RAISINS (Groundnuts, Raisins, Pistachio Nuts, Dates, Dry Fruits & Nuts)	FAT	IS 4684
214	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS AND RAISINS (Groundnuts, Raisins, Pistachio Nuts, Dates, Dry Fruits & Nuts)	Moisture	FSSAI Lab Manual 5(20)
215	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS AND RAISINS (Groundnuts, Raisins, Pistachio Nuts, Dates, Dry Fruits & Nuts)	Protein	IS 4684
216	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS AND RAISINS (Groundnuts, Raisins, Pistachio Nuts, Dates, Dry Fruits & Nuts)	Sodium chloride content	FSSAI Lab Manual 5(1.7)
217	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS AND RAISINS (Groundnuts, Raisins, Pistachio Nuts, Dates, Dry Fruits & Nuts)	Total Ash	IS 4684
218	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	OIL SEEDS , RICE BRAN, COPRA, & BY PRODUCTS	Moisture content	IS 3579 (5.1)
219	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	OIL SEEDS, RICE BRAN, COPRA, & BY PRODUCTS	Acid value for extracted Fat	IS 548(Part 2)
220	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	OIL SEEDS, RICE BRAN, COPRA, & BY PRODUCTS	Oil content	IS 3579 (5.2)
221	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	OIL SEEDS, RICE BRAN, COPRA, & BY PRODUCTS	Total Ash	IS 7874 (Part 1)
222	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	OILS (Coconut Oil, Cotton Seed Oil, Ground Nut Oil, Linseed Oil, Mahua Oil, Rape-Seed Oil, Mustard Oil, Olive Oil, Poppy Seed Oil, Sunflower Oil, Taramira Oil, Til Oil, Niger Oil, Soyabean Oil, Maize Oil, Refined Vegetable Oil, Almond Oil, Watermelon Seed Oil, Palm Oil Palmolein Oil, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil, Blended Edible Vegetable Oil,	Unsaponification matter	FSSAI Lab Manual 2(10)
223	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	OILS (Coconut Oil, Cotton Seed Oil, Ground Nut Oil, Linseed Oil, Mahua Oil, Rape-Seed Oil, Mustard Oil, Olive Oil, Poppy Seed Oil, Sunflower Oil, Taramira Oil, Til Oil, Niger Oil, Soyabean Oil, Maize Oil, Refined Vegetable Oil, Almond Oil, Watermelon Seed Oil, Palm Oil Palmolein Oil, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil, Blended Edible Vegetable Oil,	Flash point	FSSAI Lab Manual 2(6.0)

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224	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	OILS (Coconut Oil, Cotton Seed Oil, Ground Nut Oil, Linseed Oil, Mahua Oil, Rape-Seed Oil, Mustard Oil, Olive Oil, Poppy Seed Oil, Sunflower Oil, Taramira Oil, Til Oil, Niger Oil, Soyabean Oil, Maize Oil, Refined Vegetable Oil, Almond Oil, Watermelon Seed Oil, Palm Oil Palmolein Oil, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil, Blended Edible Vegetable Oil)	Acid value	FSSAI Lab Manual 2(11)
225	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	OILS (Coconut Oil, Cotton Seed Oil, Ground Nut Oil, Linseed Oil, Mahua Oil, Rape-Seed Oil, Mustard Oil, Olive Oil, Poppy Seed Oil, Sunflower Oil, Taramira Oil, Til Oil, Niger Oil, Soyabean Oil, Maize Oil, Refined Vegetable Oil, Almond Oil, Watermelon Seed Oil, Palm Oil Palmolein Oil, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil, Blended Edible Vegetable Oil,	Bellier test	FSSAI Lab Manual 2(14)
226	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	OILS (Coconut Oil, Cotton Seed Oil, Ground Nut Oil, Linseed Oil, Mahua Oil, Rape-Seed Oil, Mustard Oil, Olive Oil, Poppy Seed Oil, Sunflower Oil, Taramira Oil, Til Oil, Niger Oil, Soyabean Oil, Maize Oil, Refined Vegetable Oil, Almond Oil, Watermelon Seed Oil, Palm Oil Palmolein Oil, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil, Blended Edible Vegetable Oil,	Iodine value	FSSAI Lab Manual 2(12)
227	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	OILS (Coconut Oil, Cotton Seed Oil, Ground Nut Oil, Linseed Oil, Mahua Oil, Rape-Seed Oil, Mustard Oil, Olive Oil, Poppy Seed Oil, Sunflower Oil, Taramira Oil, Til Oil, Niger Oil, Soyabean Oil, Maize Oil, Refined Vegetable Oil, Almond Oil, Watermelon Seed Oil, Palm Oil, Palmolein Oil, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil, Blended Edible Vegetable Oil, Inter esterified Vegettable Fat Partially Hydrogenated Soyabean Oil Edible Fat Margarine and Fat Spreads Hydrogenated Vegetable Oils, Oil Seeds, Rice Bran)	Test for argemone oil	FSSAI Lab Manual 2(30)
228	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	OILS (Coconut Oil, Cotton Seed Oil, Ground Nut Oil, Linseed Oil, Mahua Oil, Rape-Seed Oil, Mustard Oil, Olive Oil, Poppy Seed Oil, Sunflower Oil, Taramira Oil, Til Oil, Niger Oil, Soyabean Oil, Maize Oil, Refined Vegetable Oil, Almond Oil, Watermelon Seed Oil, Palm Oil, Palmolein Oil, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil, Blended Edible Vegetable Oil, Interesterified Vegettable Fat Partially Hydrogenated Soyabean Oil Edible Fat Margarine and Fat Spreads Hydrogenated Vegetable Oils, Oil Seeds, Rice Bran)	Baudouin test	FSSAI Lab Manual 2(15)

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229	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	OILS (Coconut Oil, Cotton Seed Oil, Ground Nut Oil, Linseed Oil, Mahua Oil, Rape-Seed Oil, Mustard Oil, Olive Oil, Poppy Seed Oil, Sunflower Oil, Taramira Oil, Til Oil, Niger Oil, Soyabean Oil, Maize Oil, Refined Vegetable Oil, Almond Oil, Watermelon Seed Oil, Palm Oil, Palmolein Oil, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil, Blended Edible Vegetable Oil, Interesterified Vegettable Fat Partially Hydrogenated Soyabean Oil Edible Fat Margarine and Fat Spreads Hydrogenated Vegetable Oils, Oil Seeds, Rice Bran)	Castor oil	FSSAI Lab Manual-Part II (method for detection of adulterants)
230	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	OILS (Coconut Oil, Cotton Seed Oil, Ground Nut Oil, Linseed Oil, Mahua Oil, Rape-Seed Oil, Mustard Oil, Olive Oil, Poppy Seed Oil, Sunflower Oil, Taramira Oil, Til Oil, Niger Oil, Soyabean Oil, Maize Oil, Refined Vegetable Oil, Almond Oil, Watermelon Seed Oil, Palm Oil, Palmolein Oil, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil, Blended Edible Vegetable Oil, Interesterified Vegettable Fat Partially Hydrogenated Soyabean Oil Edible Fat Margarine and Fat Spreads Hydrogenated Vegetable Oils, Oil Seeds, Rice Bran)	Cotton seed oil in mustard oil	FSSAI Lab Manual-Part II (method for detection of adulterants)
231	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	OILS (Coconut Oil, Cotton Seed Oil, Ground Nut Oil, Linseed Oil, Mahua Oil, Rape-Seed Oil, Mustard Oil, Olive Oil, Poppy Seed Oil, Sunflower Oil, Taramira Oil, Til Oil, Niger Oil, Soyabean Oil, Maize Oil, Refined Vegetable Oil, Almond Oil, Watermelon Seed Oil, Palm Oil, Palmolein Oil, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil, Blended Edible Vegetable Oil, Interesterified Vegettable Fat Partially Hydrogenated Soyabean Oil Edible Fat Margarine and Fat Spreads Hydrogenated Vegetable Oils, Oil Seeds, Rice Bran)	Hexabromide test	FSSAI Lab Manual 2(19)
232	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	OILS (Coconut Oil, Cotton Seed Oil, Ground Nut Oil, Linseed Oil, Mahua Oil, Rape-Seed Oil, Mustard Oil, Olive Oil, Poppy Seed Oil, Sunflower Oil, Taramira Oil, Til Oil, Niger Oil, Soyabean Oil, Maize Oil, Refined Vegetable Oil, Almond Oil, Watermelon Seed Oil, Palm Oil, Palmolein Oil, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil, Blended Edible Vegetable Oil, Interesterified Vegettable Fat Partially Hydrogenated Soyabean Oil Edible Fat Margarine and Fat Spreads Hydrogenated Vegetable Oils, Oil Seeds, Rice Bran)	Hydrocyanic acid	FSSAI Lab Manual 2(32)

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233	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	OILS (Coconut Oil, Cotton Seed Oil, Ground Nut Oil, Linseed Oil, Mahua Oil, Rape-Seed Oil, Mustard Oil, Olive Oil, Poppy Seed Oil, Sunflower Oil, Taramira Oil, Til Oil, Niger Oil, Soyabean Oil, Maize Oil, Refined Vegetable Oil, Almond Oil, Watermelon Seed Oil, Palm Oil, Palmolein Oil, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil, Blended Edible Vegetable Oil, Interesterified Vegettable Fat Partially Hydrogenated Soyabean Oil Edible Fat Margarine and Fat Spreads Hydrogenated Vegetable Oils, Oil Seeds, Rice Bran)	Karanja oil	FSSAI Lab Manual-Part II (method for detection of adulterants)
234	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	OILS (Coconut Oil, Cotton Seed Oil, Ground Nut Oil, Linseed Oil, Mahua Oil, Rape-Seed Oil, Mustard Oil, Olive Oil, Poppy Seed Oil, Sunflower Oil, Taramira Oil, Til Oil, Niger Oil, Soyabean Oil, Maize Oil, Refined Vegetable Oil, Almond Oil, Watermelon Seed Oil, Palm Oil, Palmolein Oil, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil, Blended Edible Vegetable Oil, Interesterified Vegettable Fat Partially Hydrogenated Soyabean Oil Edible Fat Margarine and Fat Spreads Hydrogenated Vegetable Oils, Oil Seeds, Rice Bran)	Kries test	FSSAI Lab Manual 2(37.2)
235	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	OILS (Coconut Oil, Cotton Seed Oil, Ground Nut Oil, Linseed Oil, Mahua Oil, Rape-Seed Oil, Mustard Oil, Olive Oil, Poppy Seed Oil, Sunflower Oil, Taramira Oil, Til Oil, Niger Oil, Soyabean Oil, Maize Oil, Refined Vegetable Oil, Almond Oil, Watermelon Seed Oil, Palm Oil, Palmolein Oil, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil, Blended Edible Vegetable Oil, Interesterified Vegettable Fat Partially Hydrogenated Soyabean Oil Edible Fat Margarine and Fat Spreads Hydrogenated Vegetable Oils, Oil Seeds, Rice Bran)	Mineral oil	FSSAI Lab Manual 2(28)
236	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	OILS (Coconut Oil, Cotton Seed Oil, Ground Nut Oil, Linseed Oil, Mahua Oil, Rape-Seed Oil, Mustard Oil, Olive Oil, Poppy Seed Oil, Sunflower Oil, Taramira Oil, Til Oil, Niger Oil, Soyabean Oil, Maize Oil, Refined Vegetable Oil, Almond Oil, Watermelon Seed Oil, Palm Oil, Palmolein Oil, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil, Blended Edible Vegetable Oil, Interesterified Vegettable Fat Partially Hydrogenated Soyabean Oil Edible Fat Margarine and Fat Spreads Hydrogenated Vegetable Oils, Oil Seeds, Rice Bran)	Polybromide test	FSSAI Lab Manual 2(19A)

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237	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	OILS (Coconut Oil, Cotton Seed Oil, Ground Nut Oil, Linseed Oil, Mahua Oil, Rape-Seed Oil, Mustard Oil, Olive Oil, Poppy Seed Oil, Sunflower Oil, Taramira Oil, Til Oil, Niger Oil, Soyabean Oil, Maize Oil, Refined Vegetable Oil, Almond Oil, Watermelon Seed Oil, Palm Oil, Palmolein Oil, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil, Blended Edible Vegetable Oil, Interesterified Vegettable Fat Partially Hydrogenated Soyabean Oil Edible Fat Margarine and Fat Spreads Hydrogenated Vegetable Oils, Oil Seeds, Rice Bran)	Rancidity	FSSAI Lab Manual-Part II (method for detection of adulterants)
238	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils (coconut oil, cotton seed oil, Ground Nut seed oil, Linseed Oil, Mahua Oil, Rape-seed Oil, Mustard Oil, Olive Oil, Poppy Seed Oil, Sunflower oil,Taramira oil,Til oil, Niger oil, Soyabean oil, Maize oil, Refined vegetable oil, Almond oil, Watermelon sead oil, Palm oil, Palmolein oil, Palm kernel oil, Sunflower seed oil, Rice bran oil, Blended edible vegetable oil)	Butyro refractometer	FSSAI Lab Manual 2(5.0)
239	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils (coconut oil, cotton seed oil, Ground Nut seed oil, Linseed Oil, Mahua Oil, Rape-seed Oil, Mustard Oil, Olive Oil, Poppy Seed Oil, Sunflower oil,Taramira oil,Til oil, Niger oil, Soyabean oil, Maize oil, Refined vegetable oil, Almond oil, Watermelon sead oil, Palm oil, Palmolein oil, Palm kernel oil, Sunflower seed oil, Rice bran oil, Blended edible vegetable oil)	Moisture	FSSAI Lab Manual 2(3.0)
240	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils (coconut oil, cotton seed oil, Ground Nut seed oil, Linseed Oil, Mahua Oil, Rape-seed Oil, Mustard Oil, Olive Oil, Poppy Seed Oil, Sunflower oil,Taramira oil,Til oil, Niger oil, Soyabean oil, Maize oil, Refined vegetable oil, Almond oil, Watermelon sead oil, Palm oil, Palmolein oil, Palm kernel oil, Sunflower seed oil, Rice bran oil, Blended edible vegetable oil)	Polenske value	FSSAI Lab Manual 2(13)
241	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils (coconut oil, cotton seed oil, Ground Nut seed oil, Linseed Oil, Mahua Oil, Rape-seed Oil, Mustard Oil, Olive Oil, Poppy Seed Oil, Sunflower oil,Taramira oil,Til oil, Niger oil, Soyabean oil, Maize oil, Refined vegetable oil, Almond oil, Watermelon sead oil, Palm oil, Palmolein oil, Palm kernel oil, Sunflower seed oil, Rice bran oil, Blended edible vegetable oil)	Saponification value	FSSAI Lab Manual 2(9.0)
242	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils (coconut oil, cotton seed oil, Ground Nut seed oil, Linseed Oil, Mahua Oil, Rape-seed Oil, Mustard Oil, Olive Oil, Poppy Seed Oil, Sunflower oil,Taramira oil,Til oil, Niger oil, Soyabean oil, Maize oil, Refined vegetable oil, Almond oil, Watermelon sead oil, Palm oil, Palmolein oil, Palm kernel oil, Sunflower seed oil, Rice bran oil, Blended edible vegetable oil)	Specific gravity	FSSAI Lab Manual 2(4.0)

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243	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SUGAR (White ,Refined ,Khandsari,Bura,Cube,Icing, Misri) Gur or Jaggery	Ash insoluble in dilute HCL	FSSAI Lab Manual 4(8.1)
244	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SUGAR (White ,Refined ,Khandsari,Bura,Cube,Icing, Misri) Gur or Jaggery	Moisture	FSSAI Lab Manual 4(7.2)
245	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SUGAR (White ,Refined ,Khandsari,Bura,Cube,Icing, Misri) Gur or Jaggery	Sieve test	IS 15279:2003
246	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SUGAR (White ,Refined ,Khandsari,Bura,Cube,Icing, Misri) Gur or Jaggery	Sucrose	FSSAI Lab Manual 4(7.4)
247	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SUGAR (White ,Refined ,Khandsari,Bura,Cube,Icing, Misri) Gur or Jaggery	Sulphated ash	FSSAI Lab Manual 4(10)
248	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SUGAR (White ,Refined ,Khandsari,Bura,Cube,Icing, Misri) Gur or Jaggery	Total ash	FSSAI Lab Manual 4(7.3)
249	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SUGAR (White ,Refined ,Khandsari,Bura,Cube,Icing, Misri) Gur or Jaggery	Water insoluble matter	IS 15279
250	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SUGAR (White ,Refined, Khandsari, Bura, Cube, Icing, Misri) GUR OR JAGGERY DEXTROSE GOLDEN SYRUP DRIED GLUCOSE SYRUP	Chalk powder	FSSAI Lab Manual-Part II (method for detection of adulterants)
251	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SUGAR (White ,Refined, Khandsari, Bura, Cube, Icing, Misri) GUR OR JAGGERY DEXTROSE GOLDEN SYRUP DRIED GLUCOSE SYRUP	Chalk powder in sugar	FSSAI Lab Manual-Part II (method for detection of adulterants)
252	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SUGAR (White ,Refined, Khandsari, Bura, Cube, Icing, Misri) GUR OR JAGGERY DEXTROSE GOLDEN SYRUP DRIED GLUCOSE SYRUP	Extraneous matter	FSSAI Lab Manual 4(9.2)
253	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SUGAR (White ,Refined, Khandsari, Bura, Cube, Icing, Misri) GUR OR JAGGERY DEXTROSE GOLDEN SYRUP DRIED GLUCOSE SYRUP	Sodium bicarbonate	FSSAI Lab Manual-Part II (method for detection of adulterants)
254	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SUGAR (White ,Refined, Khandsari, Bura, Cube, Icing, Misri) GUR OR JAGGERY DEXTROSE GOLDEN SYRUP DRIED GLUCOSE SYRUP	Urea	FSSAI Lab Manual-Part II (method for detection of adulterants)
255	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Extraneous Matter	IS 3633:
256	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Acid-insoluble ash	FSSAI Lab Manual 4(1.5)

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257	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Alkalinity of water soluble ash expressed as KOH	FSSAI Lab Manual 4(5.7)
258	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Caffeine content (on dry basis)	FSSAI Lab Manual 4(1.8)
259	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Crude fibre	FSSAI Lab Manual 4(5.8)
260	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Moisture	FSSAI Lab Manual 4(1.2)
261	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Protein	IS 7219
262	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Tatal ash	FSSAI Lab Manual 4(1.3)
263	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Water extract	FSSAI Lab Manual 4(1.7)
264	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Water soluble ash	FSSAI Lab Manual 4(1.4)
265	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Acidity	IS 3025 (Part 22)
266	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Alkalinity	IS 3025 (Part 23)
267	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Ammonical Nitrogen	IS 3025 (Part 34)
268	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Arsenic	IS 3025 (Part) 37
269	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Biochemical Oxygen Demand	IS 3025 (Part 44)
270	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Cadmium as Cd	IS 3025 (Part 41)
271	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
272	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Chloride	IS 3025 (Part 32)

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273	CHEMICAL- POLLUTION & ENVIRONMENT	wastewater	Colour	IS 3025 (Part 4)
274	CHEMICAL- POLLUTION & ENVIRONMENT	wastewater	Conductivity	IS 3025 (part 14)
275	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Copper	IS 3025 (Part 42)
276	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Cyanide as CN	IS 3025 (Part 27)
277	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Dissolved Oxygen	IS 3025 (Part 38)
278	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Hexavalent Chromium	IS 3025 (Part 52)
279	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Iron	IS 3025 (Part 53)
280	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Lead	IS 3025 (Part 47)
281	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Magnesium	IS 3025 (Part 46)
282	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Mercury	IS 3025 (Part 48)
283	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	NIckel	IS 3025 (Part 54)
284	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Nitrate	IS 3025 (Part 34)
285	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Nitrite	IS 3025 (Part 34)
286	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Oil & Grease	IS 3025 (Part 39)
287	CHEMICAL- POLLUTION & ENVIRONMENT	wastewater	pH	IS 3025 (Part 11)
288	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Phenolic Compounds	IS 3025 (Part 43)
289	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Phosphates	IS 3025 (Part 31)
290	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Potassium (K)	IS 3025 (Part 45)
291	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Silica as SiO2	IS 3025 (Part 35)

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292	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Sodium (Na)	IS 3025 (Part 45)
293	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Sulphate	IS: 3025 (Part 24)
294	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Sulphide as H2S	IS 3025 (Part 29)
295	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Temperature	IS 3025 (Part 9)
296	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Total Chromium	IS 3025 (Part 52)
297	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Total dissolved Solids	IS 3025 (Part 16)
298	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Total Fixed Solids	IS 3025 (Part 18)
299	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Total hardness	IS 3025 (Part 21)
300	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Total Kjeldhal 's Nitrogen	IS 3025 (Part 34)
301	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Total solids dried	IS 3025 (Part 15)
302	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Total suspended Solids	IS 3025 (Part 17)
303	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Turbidity	IS 3025 (Part 10)
304	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Zinc	IS 3025 (Part 49)
305	CHEMICAL- RESIDUES IN WATER	Ground water	Copper	IS 3025 (Part 42)
306	CHEMICAL- RESIDUES IN WATER	Drinking water	Boron	IS 3025 (Part 57)
307	CHEMICAL- RESIDUES IN WATER	Drinking water	Copper	IS 3025(Part 42)
308	CHEMICAL- RESIDUES IN WATER	Drinking water	Hexavalent chromium	IS 3025 (Part 52)
309	CHEMICAL- RESIDUES IN WATER	Drinking water	Iron	IS 3025 (Part 53)
310	CHEMICAL- RESIDUES IN WATER	Drinking water	Lead	IS 3025 (Part 47)

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311	CHEMICAL- RESIDUES IN WATER	Drinking water	Manganese	IS 3025 (Part 59)
312	CHEMICAL- RESIDUES IN WATER	Drinking water	Nickel	IS 3025 (Part 54)
313	CHEMICAL- RESIDUES IN WATER	Drinking water	Total chromium	IS 3025 (part 52)
314	CHEMICAL- RESIDUES IN WATER	Drinking water	Zinc	IS 3025 (Part 49)
315	CHEMICAL- RESIDUES IN WATER	Ground water	Total chromium	IS 3025 (Part 52)
316	CHEMICAL- RESIDUES IN WATER	Ground water	Hexavalent chromium	IS 3025 (Part 52)
317	CHEMICAL- RESIDUES IN WATER	Ground water	Iron	IS 3025 (Part 53)
318	CHEMICAL- RESIDUES IN WATER	Ground water	Lead	IS 3025 (Part 47)
319	CHEMICAL- RESIDUES IN WATER	Ground water	Manganese	IS 3025 (Part59)
320	CHEMICAL- RESIDUES IN WATER	Ground water	Nickel	IS 3025 (Part 54)
321	CHEMICAL- RESIDUES IN WATER	Ground water	Zinc	IS 3025 (Part 49)
322	CHEMICAL- RESIDUES IN WATER	Packaged drinking	Iron	IS 3025 (Part 53)
323	CHEMICAL- RESIDUES IN WATER	Packaged drinking water	Copper	IS 3025 (Part 42)
324	CHEMICAL- RESIDUES IN WATER	Packaged drinking water	hexavalent chromium	IS 3025 (Part 52)
325	CHEMICAL- RESIDUES IN WATER	Packaged drinking water	Lead	IS 3025 (Part 47)
326	CHEMICAL- RESIDUES IN WATER	Packaged drinking water	Manganese	IS 3025 (Part59)
327	CHEMICAL- RESIDUES IN WATER	Packaged drinking water	Nickel	IS 3025(Part 59)
328	CHEMICAL- RESIDUES IN WATER	Packaged drinking water	Total chromium	IS 3025 (Part 52)
329	CHEMICAL- RESIDUES IN WATER	Packaged drinking water	Zinc	IS 3025 (Part 49)

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330	CHEMICAL- RESIDUES IN WATER	Surface water	Copper	IS 3025 (Part 42)
331	CHEMICAL- RESIDUES IN WATER	Surface water	Hexavalent chromium	IS 3025 (Part 52)
332	CHEMICAL- RESIDUES IN WATER	Surface water	Iron	IS 3025 (Part 53)
333	CHEMICAL- RESIDUES IN WATER	Surface water	Lead	IS 3025(Part 47)
334	CHEMICAL- RESIDUES IN WATER	Surface water	Manganese	IS 3025 (Part 59)
335	CHEMICAL- RESIDUES IN WATER	Surface water	Nickel	IS 3025 (Part 54)
336	CHEMICAL- RESIDUES IN WATER	Surface water	Total chromium	IS 3025 (Part 52)
337	CHEMICAL- RESIDUES IN WATER	Surface water	Zinc	IS 3025 (Part 49)
338	CHEMICAL- RESIDUES IN WATER	Swimming pool water	Aluminium	IS 3025 (Part 55)
339	CHEMICAL- RESIDUES IN WATER	Swimming pool water	Iron	IS 3025 (Part 53)
340	CHEMICAL- RESIDUES IN WATER	Swimming pool water	Lead	IS 3025 (Part 47)
341	CHEMICAL- WATER	construction Water	chloride	IS 3025 (Part 32)
342	CHEMICAL- WATER	Construction water	Acidity	IS 3025 (Part 22)
343	CHEMICAL- WATER	Construction water	Alkalinity	IS 3025 (Part 23)
344	CHEMICAL- WATER	Construction water	Inorganic solids	IS 3025 (Part 18)
345	CHEMICAL- WATER	Construction water	Organic Solids	IS 3025 (Part 18)
346	CHEMICAL- WATER	Construction water	pH Value	IS 3025 (Part 11)
347	CHEMICAL- WATER	Construction water	Sulphate	IS 3025 (Part 24)
348	CHEMICAL- WATER	Construction water	Total suspended solids (Suspended Matter)	IS 3025 (Part 17)
349	CHEMICAL- WATER	Drinking Water	Acidity	IS 3025 (Part 22)
350	CHEMICAL- WATER	Drinking Water	Alkalinity	IS 3025 (Part 23)
351	CHEMICAL- WATER	Drinking Water	Ammonia as total ammonia-N	IS 3025 (Part 34)
352	CHEMICAL- WATER	Drinking Water	Anionic detergents as MBAS	IS 13428(Annex K)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
353	CHEMICAL- WATER	Drinking Water	Calcium (Ca)	IS 3025 (Part 40)
354	CHEMICAL- WATER	Drinking Water	Chemical oxygen demand (COD)	IS 3025 (Part 58)
355	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 (Part 32)
356	CHEMICAL- WATER	Drinking Water	Chlorine demand	IS 3025 (Part 25)
357	CHEMICAL- WATER	Drinking Water	chlorine residual	IS 3025 (Part 26)
358	CHEMICAL- WATER	Drinking Water	colour	IS 3025 (Part 4)
359	CHEMICAL- WATER	Drinking Water	Conductivity	IS 3025 (Part 14)
360	CHEMICAL- WATER	Drinking Water	Dissolved oxygen	IS 3025 (Part 38)
361	CHEMICAL- WATER	Drinking Water	Fixed and volatile solids	IS 3025 (Part 18)
362	CHEMICAL- WATER	Drinking Water	Fluoride	IS 3025 (Part 60)
363	CHEMICAL- WATER	Drinking Water	Magnesium (Mg)	IS 3025 (Part 46)
364	CHEMICAL- WATER	Drinking Water	nitrate	IS 3025 (Part 34)
365	CHEMICAL- WATER	Drinking Water	odour	IS 3025 (Part 5)
366	CHEMICAL- WATER	Drinking Water	Oil & Grease	IS 3025 (Part 39)
367	CHEMICAL- WATER	Drinking water	pH Value	IS 3025 (Part 11)
368	CHEMICAL- WATER	Drinking Water	Phenolic compound(as C6H5OH)	IS 3025 (Part 43)
369	CHEMICAL- WATER	Drinking Water	Phosphate	IS 3025 (Part 31)
370	CHEMICAL- WATER	Drinking Water	Potassium (K)	IS 3025 (Part 45)
371	CHEMICAL- WATER	Drinking Water	Settle able solids	IS 3025 (Part 19)
372	CHEMICAL- WATER	Drinking Water	Sodium (Na)	IS 3025 (Part 45)
373	CHEMICAL- WATER	Drinking Water	Sulphate	IS 3025 (Part 24)
374	CHEMICAL- WATER	Drinking Water	Sulphide	IS 3025 (Part 29)
375	CHEMICAL- WATER	Drinking Water	Temperature	IS 3025 (Part 9)
376	CHEMICAL- WATER	Drinking Water	Total dissolved solids	IS 3025 (part 16)
377	CHEMICAL- WATER	Drinking Water	Total hardness	IS 3025 (Part 21)
378	CHEMICAL- WATER	Drinking water	Total solids dried	IS 3025 (Part 15)
379	CHEMICAL- WATER	Drinking Water	Total suspended solids	IS 3025 (Part 17)
380	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025(Part 10)
381	CHEMICAL- WATER	Ground Water	Acidity	IS 3025 (Part 22)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
382	CHEMICAL- WATER	Ground Water	Alkalinity	IS 3025 (Part 23)
383	CHEMICAL- WATER	Ground Water	Calcium	IS 3025 (Part 40)
384	CHEMICAL- WATER	Ground Water	Chemical oxygen demand	IS 3025 (Part 58)
385	CHEMICAL- WATER	Ground Water	Chloride	IS 3025 (Part 32)
386	CHEMICAL- WATER	Ground Water	Chlorine demand	IS 3025 (Part 25)
387	CHEMICAL- WATER	Ground Water	Chlorine Residual	IS 3025 (Part 26)
388	CHEMICAL- WATER	Ground water	Colour	IS 3025 (Part 4)
389	CHEMICAL- WATER	Ground water	Conductivity	IS 3025 (Part 14)
390	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	IS 3025 (Part 38)
391	CHEMICAL- WATER	Ground Water	Fixed and volatile solids	IS 3025 (Part 18)
392	CHEMICAL- WATER	Ground Water	Fluoride	IS 3025 (Part 60)
393	CHEMICAL- WATER	Ground Water	Magnesium (Mg)	IS 3025 (Part 46)
394	CHEMICAL- WATER	Ground Water	Oil & Grease	IS 3025 (Part 39)
395	CHEMICAL- WATER	Ground water	pH Value	IS 3025 (Part 11)
396	CHEMICAL- WATER	Ground Water	Phosphate	IS 3025 (Part 31)
397	CHEMICAL- WATER	Ground Water	Potassium (k)	IS 3025 (Part 45)
398	CHEMICAL- WATER	Ground Water	Settle able solids	IS 3025 (Part 19)
399	CHEMICAL- WATER	Ground Water	Sodium (Na)	IS 3025 (Part 45)
400	CHEMICAL- WATER	Ground Water	Sulphate	IS 3025 (Part 24)
401	CHEMICAL- WATER	Ground Water	Sulphide	IS 3025 (Part 29)
402	CHEMICAL- WATER	Ground Water	Temperature	IS 3025 (Part 9)
403	CHEMICAL- WATER	Ground Water	Total dissolved solids	IS 3025 (Part 16)
404	CHEMICAL- WATER	Ground Water	Total Hardness	IS 3025 (Part 21)
405	CHEMICAL- WATER	Ground Water	Total solids dried	IS 3025 (Part 15)
406	CHEMICAL- WATER	Ground Water	Total suspended solids	IS 3025 (Part 17)
407	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025 (Part 10)
408	CHEMICAL- WATER	Packaged Drinking water	Acidity	IS 3025 (Part 22)
409	CHEMICAL- WATER	Packaged Drinking water	Alkalinity	IS 3025 (Part 23)
410	CHEMICAL- WATER	Packaged Drinking water	Calcium (Ca)	IS 3025 (Part 40)
411	CHEMICAL- WATER	Packaged Drinking water	Chloride	IS 3025 (Part 32)

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412	CHEMICAL- WATER	Packaged Drinking water	Chlorine demand	IS 3025 (Part 25)
413	CHEMICAL- WATER	Packaged Drinking water	Chlorine residual	IS 3025 (Part 26)
414	CHEMICAL- WATER	Packaged Drinking water	Colour	IS 3025 (Part 4)
415	CHEMICAL- WATER	Packaged Drinking water	Conductivity	IS 3025 (Part 14)
416	CHEMICAL- WATER	Packaged Drinking water	Dissolved oxygen	IS 3025 (Part 38)
417	CHEMICAL- WATER	Packaged Drinking water	Fixed and volatile solids	IS 3025 (Part 18)
418	CHEMICAL- WATER	Packaged Drinking water	Fluoride	IS 3025 (Part 60)
419	CHEMICAL- WATER	Packaged Drinking water	Magnesium (Mg)	IS 3025 (Part 46)
420	CHEMICAL- WATER	Packaged Drinking water	Oil & Grease	IS 3025 (Part 39)
421	CHEMICAL- WATER	Packaged Drinking water	pH value	IS 3025 (Part 11)
422	CHEMICAL- WATER	Packaged Drinking water	Phosphate	IS 3025 (Part 31)
423	CHEMICAL- WATER	Packaged Drinking water	Potassium (K)	IS 3025 (Part 45)
424	CHEMICAL- WATER	Packaged Drinking water	settle able solids	IS 3025 (Part 19)
425	CHEMICAL- WATER	Packaged Drinking water	Sodium (Na)	IS 3025 (Part 45)
426	CHEMICAL- WATER	Packaged Drinking water	Sulphate	IS 3025 (Part 24)
427	CHEMICAL- WATER	Packaged Drinking water	Sulphide	IS 3025 (Part 29)
428	CHEMICAL- WATER	Packaged Drinking water	Temperature	IS 3025 (Part 9)
429	CHEMICAL- WATER	Packaged Drinking water	Total dissolved solids	IS 3025 (Part 16)
430	CHEMICAL- WATER	Packaged Drinking water	Total hardness	IS 3025 (Part 21)
431	CHEMICAL- WATER	Packaged Drinking water	Total solid dried	Is 3025 (Part 15)
432	CHEMICAL- WATER	Packaged Drinking water	Total suspended solids	IS 3025 (Part 17)
433	CHEMICAL- WATER	Packaged Drinking water	Turbidity	Is 3025 (Part 10)
434	CHEMICAL- WATER	Surface water	Acidity	IS 3025 (Part 22)
435	CHEMICAL- WATER	Surface water	Alkalinity	IS 3025 (Part 23)
436	CHEMICAL- WATER	Surface water	Calcium	IS 3025 (Part 40)
437	CHEMICAL- WATER	Surface water	Chemical oxygen demand	IS 3025 (Part 58)
438	CHEMICAL- WATER	Surface water	Chloride	IS 3025 (Part 32)
439	CHEMICAL- WATER	Surface water	Chlorine demand	IS 3025 (Part 25)
440	CHEMICAL- WATER	Surface water	Chlorine Residual	IS 3025 (Part 26)
441	CHEMICAL- WATER	Surface water	Colour	IS 3025 (Part 4)

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442	CHEMICAL- WATER	Surface water	Conductivity	IS 3025 (Part 14)
443	CHEMICAL- WATER	Surface water	Dissolved Oxygen	IS 3025 (Part 38)
444	CHEMICAL- WATER	Surface water	Fixed and volatile solids	IS 3025 (Part 18)
445	CHEMICAL- WATER	Surface water	Fluoride	IS 3025 (Part 60)
446	CHEMICAL- WATER	Surface water	Magnesium (Mg)	IS 3025 (Part 46)
447	CHEMICAL- WATER	Surface water	Oil & Grease	IS 3025 (Part 39)
448	CHEMICAL- WATER	Surface water	pH value	IS 3025 (Part 11)
449	CHEMICAL- WATER	Surface water	Phosphate	IS 3025 (Part 31)
450	CHEMICAL- WATER	Surface water	Potassium (K)	IS 3025 (Part 45)
451	CHEMICAL- WATER	Surface water	Settle able solids	IS 3025 (Part 19)
452	CHEMICAL- WATER	Surface water	Sodium (Na)	IS 3025 (Part 45)
453	CHEMICAL- WATER	Surface water	Sulphate	IS 3025 (Part 24)
454	CHEMICAL- WATER	Surface water	Sulphide	IS 3025 (Part 29)
455	CHEMICAL- WATER	Surface water	Temperature	IS 3025 (Part 9)
456	CHEMICAL- WATER	Surface water	Total dissolved solids	IS 3025 (Part 16)
457	CHEMICAL- WATER	Surface water	Total hardness	IS 3025 (Part 21)
458	CHEMICAL- WATER	Surface water	Total solid dried	IS 3025 (Part 15)
459	CHEMICAL- WATER	Surface water	Total suspended solids	IS 3025 (part 17)
460	CHEMICAL- WATER	Surface water	Turbidity	IS 3025 (Part 10)
461	CHEMICAL- WATER	Swimming Pool Water	Alkality	IS 3025 (Part 23)
462	CHEMICAL- WATER	Swimming Pool Water	Chloride	IS 3025 (Part 32)
463	CHEMICAL- WATER	Swimming Pool Water	Colour	IS 3025 (Part 4)
464	CHEMICAL- WATER	Swimming Pool Water	Odour	IS 3025 (Part 5)
465	CHEMICAL- WATER	Swimming Pool Water	Oxygen absorbed in 4 hrs at 27 °C	IS 3025 (Part 38)
466	CHEMICAL- WATER	Swimming Pool Water	pH Value	IS 3025 (Part 11)
467	CHEMICAL- WATER	Swimming Pool Water	Residual Free Chlorine	IS 3025 (Part 26)
468	CHEMICAL- WATER	Swimming Pool Water	Taste	IS 3025 (Part 8)
469	CHEMICAL- WATER	Swimming Pool Water	Total dissolved solids	IS 3025 (Part 16)
470	CHEMICAL- WATER	Swimming Pool Water	Turbidity	IS 3025 (Part 10)

National Accreditation Board for Testing and Calibration Laboratories

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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.