National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : NATIONAL REFERRAL CENTER FOR MILK QUALITY AND SAFETY, ICAR - NATIONAL DAIRY RESEARCH INSTITUTE, KARNAL, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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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
Permanent Facility				
1	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	All cheeses including fresh cheese/ cheddar cheese/ cottage/ soft/semi soft	Coliform	IS 5401 Part-1
2	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fermented milk products	Coagulase +ve Staphylococcus aureus	IS 5887 part 8 sec 1
3	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fermented milk products	Coliform	IS 5401 part 1
4	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fermented milk products	E.coli	IS 5887 Part 1
5	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fermented Milk Products	Listeria monocytogenes	IS 14988 part -1
6	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fermented milk products	Salmonella	IS 5887 Part 3
7	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fermented milk products	Yeast and molds	IS:5403
8	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Follow up formula/ cereal based complementary foods	Coagulase +ve Staphylococcus aureus	IS 5887 Part 8 sec 1
9	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Follow up Formula/ cereal based complementary foods	Coliform	IS 5401-1
10	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Follow up formula/ cereal based complementary foods	Yeast and Molds	IS:5403
11	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Follow-up formula/ Cereal based complementary foods	Aerobic plate count	IS 5402 : Part 1
12	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Follow-up formula/ Cereal based complementary foods	Bacillus cereus	IS 5887 (Part 6)
13	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Follow-up formula/ Cereal based complementary foods	E.coli	IS 5887: Part 1

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14	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Follow-up formula/ Cereal based complementary foods	Listeria monocytogenes	IS 14988 part -1
15	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Follow-up formula/ Cereal based complementary foods	Salmonella	IS 5887 part 3
16	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Follow-up formula/ Cereal based complementary foods	Shigella	IS 5887 (Part 7)
17	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Follow-up formula/ Cereal based complementary foods	Sulfite Reducing Clostridia (SRC)	ISO 15213
18	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fresh cheese/ cheddar cheese/ cottage/ soft/semi soft	Coagulase +ve Staphylococcus aureus	IS 5887(Part 8 Sec 1)
19	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fresh cheese/ cheddar cheese/ cottage/ soft/semi soft	E.coli	IS 5887 : Part 1
20	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fresh cheese/ cheddar cheese/ cottage/ soft/semi soft	Listeria monocytogenes	IS 14988: Part 1
21	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fresh cheese/ cheddar cheese/ cottage/ soft/semi soft	Salmonella	IS 5887 part 3
22	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fresh cheese/ cheddar cheese/ cottage/ soft/semi soft	Yeast and molds	IS:5403
23	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ice-cream, frozen dessert, milk lolly, ice candy	Aerobic plate count	IS 5402 Part 1
24	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ice-cream, frozen dessert, milk lolly, ice candy	Coagulase +ve Staphylococcus aureus	IS 5887 Part 8 Sec1
25	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ice-cream, frozen dessert, milk lolly, ice candy	Coliform	IS 5401-1
26	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ice-cream, frozen dessert, milk lolly, ice candy	E.coli	IS 5887 part -1
27	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ice-cream, frozen dessert, milk lolly, ice candy	Listeria monocytogenes	IS 14988 part 1

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28	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ice-cream, frozen dessert, milk lolly, ice candy	Salmonella	IS 5887 part 3
29	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ice-cream, frozen dessert, milk lolly, ice candy	Shigella	IS 5887 Part 7
30	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant milk foods, Infant formulae, Infant milk substitute	Enterobacter sakazakii (Cronobacter sp.)	ISO 22964
31	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant milk foods, Infant formulae, Infant milk substitute	Enterobacteriaceae	ISO 21528-2
32	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant milk foods, Infant formulae, Infant milk substitute	Listeria monocytogenes	IS 14988: Part 1
33	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant milk foods, Infant formulae, Infant milk substitute	Salmonella	IS 5887 part 3
34	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant milk foods, Infant formulae, Infant milk substitute	Shigella	IS 5887 (Part 7)
35	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant milk foods/ Infant formulae/ Infant milk substitute	Aerobic plate count	IS 5402 Part 1
36	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant milk foods/ Infant formulae/ Infant milk substitute	Bacillus cereus	IS 5887 (Part 6)
37	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant milk foods/ Infant formulae/ Infant milk substitute	Coagulase positive Staphylococcus aureus	IS 5887 Part 8 Sec 1
38	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant milk foods/ Infant formulae/ Infant milk substitute	Sulfite Reducing Clostridia (SRC)	ISO 15213
39	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant milk foods/ Infant formulae/ Infant milk substitute	Yeast and molds	IS:5403
40	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Khoa and Khoa based sweets	coliform	IS 5401 part 1
41	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Khoa and Khoa based sweets	Salmonella	IS 5887 Part 3

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42	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Khoa/ khoa based sweets	Aerobic plate count	IS 5402 Part 1
43	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Khoa/ khoa based sweets	Coagulase +ve Staphylococcus aureus	IS 5887 : Part 8 sec 1
44	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Khoa/ khoa based sweets	E.coli	IS 5887 : Part 1
45	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Khoa/ khoa based sweets	Listeria monocytogenes	IS 14988 Part 1
46	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Khoa/ Khoa based sweets	Yeast and molds	IS:5403
47	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Liquid milk	Coliform	IS 5401-1
48	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Liquid milk, pasteurized milk/ boiled milk/flavored milk	Listeria monocytogenes	IS 14988: Part 1
49	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Liquid milk, pasteurized milk/ boiled milk/flavored milk	Salmonella	IS 5887 part 3
50	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Liquid Milk/ Pasteurized Milk / Boiled Milk / Flavored Milk	Aerobic Plate Count	IS 5402 Part 1
51	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk powder: SMP, PSMP, Dairy Whitener, cream powder, ice cream mix powder, lactose, whey based powder, butter milk powder, casein powder	Listeria monocytogenes	IS 14988 Part 1
52	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk powder: SMP, PSMP, Dairy Whitener, cream powder, ice cream mix powder, lactose, whey based powder, butter milk powder, casein powder	Salmonella	IS 5887 part 3
53	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk powder: SMP, PSMP, Dairy Whitener, cream powder, ice cream mix powder, lactose, whey based powder, butter milk powder, casein powder	Sulfite Reducing Clostridia (SRC)	ISO 15213
54	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Paneer/ Chhana/ Chhana based sweets	Aerobic plate count	IS 5402 Part 1
55	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Paneer/ Chhana/ Chhana based sweets	Coagulase +ve Staphylococcus aureus	IS 5887 Part 8 sec 1

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56	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Paneer/ Chhana/ Chhana based sweets	Coliform	IS 5401 part-1
57	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Paneer/ Chhana/ Chhana based sweets	E.coli	IS 5887 : Part 1
58	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Paneer/ Chhana/ Chhana based sweets	Listeria monocytogenes	IS 14988 Part 1
59	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Paneer/ Chhana/ Chhana based sweets	Salmonella	IS 5887 part 3
60	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Paneer/ Chhana/ Chhana based sweets	Yeast and Molds	IS:5403
61	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Pasteurized butter	Aerobic plate count	IS 5402 Part 1
62	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Pasteurized butter	Coagulase positive Staphylococcus aureus	IS 5887 Part 8 Sec 1
63	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Pasteurized butter	Coliform	IS 5401-1
64	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Pasteurized butter	E.coli	IS 5887 : Part 1
65	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Pasteurized butter	Listeria monocytogenes	IS 14988: Part 1
66	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Pasteurized butter	Salmonella	IS 5887 part 3
67	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Pasteurized butter	Yeast and molds	IS:5403
68	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Pasteurized Cream	Aerobic plate count	IS 5402 part 1
69	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Pasteurized Cream	Coliform	IS 5401-1

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70	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Pasteurized cream	Listeria monocytogenes	IS 14988: part 1
71	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Pasteurized cream	Salmonella	IS 5887 part 3
72	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Processed cheese/ cheese spread	Aerobic plate count	IS 5402 Part 1
73	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Processed cheese/ cheese spread	Coagulase +ve Staphylococcus aureus	IS 5887 part 8 sec 1
74	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Processed cheese/ cheese spread	Coliform	IS 5401-1
75	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Processed cheese/ cheese spread	Listeria monocytogenes	IS 14988 Part 1
76	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Processed cheese/ cheese spread	Salmonella	IS 5887 part -3
77	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	SMP/ PSMP/ Dairy Whitener/ Cream powder/ Ice-cream mix powder/ lactose/ Whey based powder/ Butter milk powder/ Casein powder	Aerobic plate count	IS 5402 Part 1
78	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	SMP/ PSMP/ Dairy Whitener/ Cream powder/ Ice-cream mix powder/ lactose/ Whey based powder/ Butter milk powder/ Casein powder	Bacillus cereus	IS 5887 (Part 6)
79	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	SMP/ PSMP/ Dairy Whitener/ Cream powder/ Ice-cream mix powder/ lactose/ Whey based powder/ Butter milk powder/ Casein powder	Coagulase positive Staphylococcus aureus	IS 5887 Part 8 Sec 1
80	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	SMP/ PSMP/ Dairy Whitener/ Cream powder/ Ice-cream mix powder/ lactose/ Whey based powder/ Butter milk powder/ Casein powder	Coliform	IS 5401-1
81	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	SMP/ PSMP/ Dairy Whitener/ Cream powder/ Ice-cream mix powder/ lactose/ Whey based powder/ Butter milk powder/ Casein powder	Yeast and molds	IS:5403
82	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Sterilized cream/ UHT cream	Bacterial spores	IS: 4238
83	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Sterilized milk/ UHT milk	Bacterial spores	IS: 4238

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84	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Sweetened condensed milk	Aerobic plate count	IS 5402 Part 1
85	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Sweetened condensed milk	Coagulase positive Staphylococcus aureus	IS 5887 Part 8 Sec 1
86	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Sweetened condensed milk	Coliform	IS 5401-1
87	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Sweetened condensed milk	Listeria monocytogenes	IS 14988 part 1
88	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Sweetened condensed milk	Salmonella	IS 5887 part 3
89	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Sweetened condensed milk	Yeast and molds	IS:5403
90	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter	Curd (Solid-not-fat)	IS 3507 :
91	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter	Detection of colouring matters	IS 3507
92	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter	Fat (%)	IS 3507
93	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter	Fatty Acid Profile (Saturated Fatty acid)	IS 15884
94	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter	Fatty Acid Profile (Monounsaturated Fatty Acid)	IS 15884
95	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter	Fatty Acid Profile (Poly Unsaturated Fatty Acid)	IS 15884
96	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter	Moisture (%)	IS 3507
97	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter	Salt (%)	IS 3507

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98	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter	Titratable Acidity (as % lactic acid)	IS 3507
99	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chakka/ Shrikhand	Fat (% by mass) on dry basis	IS 9532
100	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chakka/ Shrikhand	Sucrose (% by mass) on dry basis	IS 9532
101	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chakka/ Shrikhand	Titrable Acidity (% by mass) as lactic acid	IS 9532
102	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chakka/ Shrikhand	Total Solids (% by mass)	IS 9532
103	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chakka/Shrikhand	Protein (% by mass on dry basis)	ISO 8968-2/IDF 20-2
104	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cheese	Salt (as % Sodium chloride)	IS 2785
105	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cheese Processed cheese/Processed cheese spread	Moisture content (%)	IS 2785
106	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cheese/processed cheese/processed cheese spread	Fat on dry basis (%)	IS 2785
107	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Colostrum	Fat	IS (SP:18, Part XI)
108	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Colostrum	IgG	NRCMQS(C)/SOP/AM/Col/4 using ELISA Kit
109	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Colostrum	Lactoferrin	NRCMQS(C)/SOP/AM/Col/5 using ELISA Kit
110	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Colostrum	Moisture	IS:12333
111	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Colostrum	Protein(%)	ISO 8968-2/IDF 20-2

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112	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Colostrum Powder	IgG	NRCMQS(C)/SOP/AM/CP/4 using ELISA Kit
113	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Colostrum Powder	Lactoferrin	NRCMQS(C)/SOP/AM/CP/4 using ELISA Kit
114	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Colostrum Powder	Moisture	IS 11623
115	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Colostrum Powder	Protein(%)	ISO 8968-2/IDF 20-2
116	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cream	Fat%	IS 3509
117	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cream	Titratable Acidity (as % lactic acid)	IS 3509
118	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cream	Total Solids (%)	IS 12333
119	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Permeate Powder/ Whey Permeate Powder/ Milk Permeate Powder	Milk Protein (%)	ISO 8968-2/IDF 20-2
120	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy permeate Powder/Whey permeate powder/Milk permeate powder	Fat (%)	FSSAI Manual for milk and milk products
121	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy permeate Powder/Whey permeate powder/Milk permeate powder	Lactose content (%)	FSSAI Manual for milk and milk products
122	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy permeate Powder/Whey permeate powder/Milk permeate powder	Moisture (%)	FSSAI Manual for milk and milk products
123	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy permeate Powder/Whey permeate powder/Milk permeate powder	Scorched particles	IS 13500
124	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy permeate Powder/Whey permeate powder/Milk permeate powder	Total Ash (%)	FSSAI Manual for milk and milk products
125	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Whitener	Acid Insoluble Ash (%)	IS 14433 Part 1

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126	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Whitener	Casein Protein%	ISO 8968-4/IDF 20-4
127	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Whitener	Fat (%)	IS 11721
128	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Whitener	Insolubility Index, ml, maximum	IS 12759
129	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Whitener	Milk Solids (non- fat)	IS: 12299
130	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Whitener	Moisture content (%)	IS 11623
131	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Whitener	Non-protein Nitrogen(%)	ISO 8968-4/IDF 20-4
132	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Whitener	Protein(%)	ISO 8968-2/IDF 20-2
133	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Whitener	Scorched Particle	IS 13500
134	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Whitener	Titratable Acidity (as % lactic acid)	IS 11766
135	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Whitener	Total Added Sugar (as % Sucrose)	IS 4079 method C-2
136	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Whitener	Total Ash on dry basis (%)	IS 14433 (Part 1)
137	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Whitener	True Protein(%)	ISO 8968-2/IDF 20-2
138	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Whitener	Whey Protein (%)	ISO 8968-4/IDF 20-4
139	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dried Ice cream mix/Dried Frozen Confection mix	Moisture (%)	IS 11623

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140	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Casein Products	Casein Protein (%)	ISO 8968-4:2016/IDF 20-4
141	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Casein Products	Fat (%)	Appendix D of IS 1167
142	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Casein Products	Fixed Ash (including P2O5) (%)	IS 5544
143	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Casein Products	Free acid, maximum, ml of 0.1 N NaOH per g	Appendix F of IS 1167
144	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Casein Products	Lactose	IS: 11963
145	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Casein Products	Milk Protein (%)	ISO 8968-2/IDF 20-2
146	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Casein Products	Moisture (%)	Appendix A of IS 1167
147	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Casein Products	pH	IS : 11918
148	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Casein Products	Titratable Acidity (%)	Appendix F of IS 1167
149	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Casein Products	Total Ash (%)	Appendix B of IS 1167
150	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible lactose	Lactose	FSSAI Manual for milk and milk products
151	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible lactose	Moisture content (%)	IS 11623
152	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible lactose	pH	IS 11918
153	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible lactose	Sulphated ash	IS 11919

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154	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Evaporated Milk	Fat%	IS 11762
155	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Evaporated Milk	Protein(%)	ISO 8968-2/IDF 20-2
156	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Evaporated Milk	Titratable Acidity (as % lactic acid)	IS 1166
157	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Evaporated Milk	Total Solids (%)	IS 1166
158	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flavoured Dairy Drink	Added Sugar (%)	IS 4079 Method C-2
159	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flavoured Dairy Drink	Fat (%)	IS 1224 Part -1
160	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flavoured Dairy Drink	Solids-not-fat (SNF)	IS 10083
161	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flavoured Dairy Drink	Total Solids (%)	IS 12333
162	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Fatty Acid Profile (Monounsaturated Fatty Acid)	ISO 15885
163	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Fatty Acid Profile (Poly Unsaturated Fatty Acid)	ISO 15885
164	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Fatty Acid Profile (Saturated Fatty acid)	ISO 15885
165	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee/ Butter oil/ Anhydrous milk fat	Acidity as free fatty acids (% Oleic Acid)	IS 3508
166	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee/ Butter oil/ Anhydrous milk fat	Butyro-refractometer reading at 40°C	IS 3508
167	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee/ Butter oil/ Anhydrous milk fat	Detection of Mineral Oil	FSSAI Manual for Milk and Mlik Products

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168	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee/ Butter oil/ Anhydrous milk fat	Detection of Vanaspati (hydrogenated vegetable oil) by Baudouin test	IS 3508
169	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee/ Butter Oil/ Anhydrous milk fat	Iodine value	IS 3508
170	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee/ Butter oil/ Anhydrous milk fat	Moisture content (%)	IS 3508
171	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee/ Butter oil/ Anhydrous milk fat	Peroxide value	IS 3508
172	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee/ Butter oil/ Anhydrous milk fat	Polenske value	IS 3508
173	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee/ Butter oil/ Anhydrous milk fat	Reichert-Meissl Value	IS 3508
174	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee/ Butter oil/ Anhydrous milk fat	Saponification value	IS 3508
175	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee/ Butter oil/ Anhydrous milk fat	ß-sitosterol in Ghee by RP-HPLC	90/FSSAI/ SP (MS&A)
176	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ice - Cream/ Kulfi	Sucrose (%)	IS 2802
177	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ice - Cream/ Kulfi	Titratable Acidity (as % lactic acid)	IS 2802
178	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ice - Cream/ Kulfi/ Milk Ice	Fat (%)	IS 2802
179	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ice - Cream/ Kulfi/ Milk Ice	Protein (%)	ISO 8968-2/IDF 20-2
180	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ice - Cream/ Kulfi/ Milk Ice/Milk Lolly	Total Solids (%)	IS 2808
181	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ice-cream	Phosphatase	IS 2802

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182	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ice-cream/ Frozen Dessert	Weight in grams per litre	IS 2802
183	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitute	Acid Insoluble Ash (%)	IS 14433 (Part-1)
184	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitute	Fat (%)	IS 11721
185	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitute	Insolubility Index	IS 12759
186	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitute	Moisture Content (%)	IS 11623
187	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitute	Protein(%)	ISO 8968-2/IDF 20-2
188	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitute	Solubility per cent. by weight (not less than)	FSSAI Manual for milk and milk products
189	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitute	Total Ash (%)	IS 14433
190	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitute/Milk Powder (Skim Milk Powder, Whole Milk Powder, Whey Powder, Dairy Whitener)	Calcium content	ISO 8070 (E)/IDF 119(E)
191	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitute/Milk Powder (Skim Milk Powder, Whole Milk Powder, Whey Powder, Dairy Whitener)	Iron Content	SOP No. NRCMQS(C)/ SOP/ AM/ IMS/02, issued on 20 august 2019
192	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitute/Milk Powder (Skim Milk Powder, Whole Milk Powder, Whey Powder, Dairy Whitener)	Magnesium content	ISO 8070 (E)/IDF 119(E)
193	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitute/Milk Powder (Skim Milk Powder, Whole Milk Powder, Whey Powder, Dairy Whitener)	Phosphorus Content (mg/100g)	ISO 9874/ IDF 42
194	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitute/Milk Powder (Skim Milk Powder, Whole Milk Powder, Whey Powder, Dairy Whitener)	Sodium Content	ISO 8070 (E)/IDF 119(E)
195	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitutes/Milk Powder (Skim Milk Powder, Whole Milk Powder, Whey Powder, Dairy Whitener)	Potassium Content	ISO 8070 (E)/IDF 119(E)

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196	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Khoa	Detection of starch	FSSAI Manual for milk and milk products
197	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Khoa	Detection of Sucrose	FSSAI Manual for milk and milk products
198	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Khoa	Fat (%)	IS 4883
199	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Khoa	Titratable Acidity (%)	IS 4883
200	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Khoa	Total Ash (%), on dry basis	IS 4883
201	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Khoa	Total Solids (%)	IS 4880
202	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Lassi	Added Sugar (%)	IS 4079 Method C-2
203	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Lassi	Fat (%)	IS 1224 Part -1
204	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Lassi	Titratable Acidity (as % lactic acid)	IS 1479 (Part -1)
205	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Lassi	Total Solids (%)	IS 12333
206	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk	Casein Protein(%)	ISO 8968-4/IDF 20-4
207	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk	Detection of Salt	NRCMQS(C)/SOP/AM/M/08
208	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk	Detection of added glucose	IS: 1479 (Part -1)
209	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk	Detection of ammonium compounds	IS: 1479 (Part -1)

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210	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk	Detection of boric acid	IS: 1479 (Part -1)
211	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk	Detection of cane sugar	IS: 1479 (Part -1)
212	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk	Detection of detergent	SOP No. NRCMQS(C)/AM/M/07
213	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk	Detection of formaldehyde	SOP No. NRCMQS(C)/AM/M/05
214	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk	Detection of hydrogen peroxide	IS: 1479 Part -II
215	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk	Detection of hypochlorites and chloramines	IS: 1479 (Part -1)
216	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk	Detection of Maltodextrin	SOP No. NRCMQS(C)/AM/M/06
217	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk	Detection of neutralizers (Rosolic acid test for carbonates)	IS: 1479 (Part -1)
218	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk	Detection of nitrate	FSSAI manual for Milk & Milk Products
219	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk	Detection of phosphatase	IS: 1479 (Part -1)
220	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk	Detection of soya powder in milk	IS: 1479 (Part -1)
221	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk	Detection of urea	IS: 1479 (Part -1)
222	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk	Detection of vegetable oil/foreign fat	IS: 1479 (Part -1)
223	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk	Estimation of Urea	IS: 1479 (Part -1)

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224	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk	Fat by Gerber method (%)	IS1224 Part -1
225	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk	Lactate content	NRCMQS(C)/SOP/AM/27 by Megazyme Kit method date of issue 20 aug 2019
226	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk	Lactose	SOP No.: NRCMQS (C)/ SOP/ AM/ C
227	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk	Non-Protein Nitrogen(%)	ISO 8968-4/IDF 20-4
228	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk	Phosphatase Test	IS 8479 Part 2
229	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk	Solids-not-fat (SNF)	IS 10083
230	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk	Titratable Acidity (as % lactic acid)	IS 1479 (Part -1)
231	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk	Total solids (%)	IS 12333
232	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk	True Protein(%)	ISO 8968-4:2016/IDF 20-4
233	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk	Whey Protein	ISO 8968-4/IDF 20-4
234	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk/ Flavoured Dairy Drink/Lassi	Protein(%)	ISO 8968-2/IDF 20-2
235	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk/ Milk Powder	Detection of starch	IS: 1479 (Part -1)
236	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk/ Milk Powder	Detection of sulphate	IS: 1479 (Part -1)
237	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid milk/ Skimmed milk powder	Aflatoxin M1	NRCMQS(C)/SOP/A/2018

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238	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk protein concentrate	Total Ash on dry basis (%)	IS 14433 (Part 1)
239	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk Protein concentrate/Whey protein concentrate	Moisture content (%)	IS 11623
240	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk Protein Concentrate/Whey protein concentrate	Scorched Particle	IS 13500
241	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer/ Channa	Detection of starch	FSSAI Manual for Milk and Milk Products
242	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer/ Channa	Fat on dry basis (%)	IS 10484
243	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer/ Channa	Moisture content (%)	IS 10484
244	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer/ Channa	Titratable Acidity (as % lactic acid)	IS 10484
245	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Plain Dahi/ Yoghurt	Protein(%)	ISO 8668-2/IDF 20-2
246	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Plain Dahi/ Yogurt	Acidity (%)	FSSAI manual on Milk and Milk Products
247	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Plain Dahi/ Yogurt	Detection of Phosphatase	FSSAI manual on Milk and Milk Products
248	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Plain Dahi/ Yogurt	Detection of starch	FSSAI manual on Milk and Milk Products
249	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Plain Dahi/ Yogurt	Fat (%)	FSSAI manual on Milk and Milk Products
250	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Plain Dahi/ Yogurt	Milk solids-not-fat, minimum, % , (m/m)	FSSAI Manual for milk and milk products
251	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Plain Dahi/ Yogurt	Total Solids (%)	FSSAI manual on Milk and Milk Products

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252	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Plain Dahi/Yogurt	Sucrose (%)	IS 12898
253	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Processed cheese/Processed cheese spread	Lactose	IS: 11963
254	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skim Milk Powder	Acid Insoluble Ash (%)	IS 14433 (Part 1)
255	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skim Milk Powder	Fat (%)	IS 11721
256	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skim Milk Powder	Insolubility Index	IS 12759
257	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skim Milk Powder	Lactate Content	NRCMQS(C)/SOP/AM/27 by Megazyme Kit method date of issue 20 aug 2019
258	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skim Milk Powder	Lactose (%)	SOP No.: NRCMQS (C)/ SOP/ AM/ C
259	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skim Milk Powder	Moisture content (%)	IS 11623
260	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skim Milk Powder	Non Protein Nitrogen (%)	ISO 8968-4/IDF 20-4
261	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skim Milk Powder	Non-Protein Nitrogen (%)	ISO 8968-4/IDF 20-4
262	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skim Milk Powder	Protein (%)	ISO 8968-2/IDF 20-2
263	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skim Milk Powder	Scorched Particle	IS 13500
264	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skim Milk Powder	Titratable Acidity (as % lactic acid)	IS 11766
265	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skim Milk Powder	Titratable Acidity (as mL of 0.1N NaOH for 10g SNF)	IS 11766

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266	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skim Milk Powder	Total Ash on dry basis (%)	FSSAI Manual of Milk and Milk Products
267	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skim milk Powder	Total Solids (%)	IS 13334 Part 1
268	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skim Milk Powder	True Protein (%)	ISO 8968-4/IDF 20-4
269	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skim Milk Powder	Whey Protein	ISO 8968-4/IDF 20-4
270	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skimmed Milk Powder	Casein Protein	ISO 8968-4/IDF 20-4
271	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweetened Condensed Milk	Accelerated Storage Test	IS 1166
272	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweetened Condensed Milk	Fat (%)	IS 11762
273	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweetened Condensed Milk	Protein(%)	ISO 8968-2/IDF 20-2
274	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweetened Condensed Milk	Sucrose (%)	IS 4079
275	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweetened Condensed Milk	Titratable Acidity (as % lactic acid)	IS 1166
276	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweetened Condensed Milk	Total Solids (%)	IS 11622
277	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweets (Burfi)	Moisture Content (%)	IS 5550
278	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweets (Burfi, gulabjamun, rasogulla)	Added Sugar (%)	IS 5550
279	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweets (Burfi, gulabjamun, rasogulla)	Fat (%) on dry basis	IS 5550

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280	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweets (Burfi, gulabjamun, rasogulla)	Titratable acidity (% lactic acid)	IS 1165 (Appendix-G)
281	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweets (Burfi, gulabjamun, rasogulla)	Total Ash (%) on dry basis	IS 4883
282	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweets (Burfi,gulabjamun,rasogula Syrup)	Protein (%)	ISO 8968-2/IDF 20-2
283	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweets (Syrup)	Acidity (ml of 0.1 N NaOH to neutralize 100 ml syrup)	IS 4079 (Appendix E)
284	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweets (Syrup)	Concentration (brix)	IS 4079 (Appendix F)
285	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whey Powder	Fat (%)	FSSAI Manual for milk and milk products
286	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whey Powder	Milk Protein (%)	ISO 8968-2/IDF 20-2
287	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whey Powder	Moisture (%)	FSSAI Manual for milk and milk products
288	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whey Powder	pH	FSSAI Manual for milk and milk products
289	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whey Powder	Total Ash (%)	FSSAI Manual for milk and milk products
290	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whey protein concentrate	Fat by Reference method (%)	IS 11721
291	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whey Protein Concentrate	Insolubility Index, ml, maximum	IS 12759
292	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whey Protein concentrate/ Milk protein concentrate	Protein(%)	ISO 8968-2/IDF 20-2
293	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Acid Insoluble Ash (%)	IS 14433

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294	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Casein Nitrogen (%)	ISO 8968-4/ IDF 20-4
295	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Fat (%)	IS 11721
296	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Fat by Gerber method (%)	IS 1224 (Part - 2)
297	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole milk powder	Insolubility Index	IS 12759
298	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Lactate content	NRCMQS(C)/SOP/AM/27 by Megazyme Kit method date of issue 20 aug 2019/IS 11202
299	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Moisture content (%)	IS 11623
300	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Non Protein Nitrogen (%)	ISO 8968-4/ IDF 20-4
301	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Protein (%)	ISO 8968-2/IDF 20-2
302	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Scorched particles	IS 13500
303	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Titratable Acidity (as % lactic acid)	IS 1165
304	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Titratable Acidity (as mL of 0.1N NaOH for 10g SNF)	IS 11766
305	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Total Ash on dry basis (%)	IS 1165
306	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Total Solid (%)	IS 11623
307	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	True Protein(%)	ISO 8968-4/IDF 20-4

SCOPE OF ACCREDITATION

Laboratory Name : NATIONAL REFERRAL CENTER FOR MILK QUALITY AND SAFETY, ICAR - NATIONAL DAIRY RESEARCH INSTITUTE, KARNAL, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7054 **Page No** 23 of 23

Validity 06/03/2022 to 05/03/2024 **Last Amended on** 24/04/2022

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
308	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Whey Protein(%)	ISO 8968-4/IDF 20-4
309	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Liquid milk/ Milk Powder	Detection and Quantitation of Abamectin	NRCMQS(MS)/SOP/AM/M/2
310	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Liquid Milk/ Milk Powder	Detection and Quantitation of Anilofos	NRCMQS(MS)/SOP/AM/M/3
311	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Liquid Milk/Milk Powder	Detection and Quantification of Melamine	FSSAI manual on Milk and Milk Products
312	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Liquid Milk/Milk Powder	Detection and Quantitation of Ampicillin	NRCMQS(MS)/SOP/AM/M/1
313	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Liquid milk/Milk Powder	Detection and Quantitation of Dimethoate	NRCMQS(MS)/SOP/AM/M/4
314	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Liquid milk/Milk Powder	Detection and Quantitation of Enrofloxacin	FSSAI manual on Milk and Milk Products
315	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Liquid milk/Milk Powder	Detection and Quantitation of Imidacloprid	NRCMQS(MS)/SOP/AM/M/5
316	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Liquid milk/Milk Powder	Detection and Quantitation of Methomyl	NRCMQS(MS)/SOP/AM/M/6
317	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Liquid milk/Milk Powder	Detection and Quantitation of Metribuzin	NRCMQS(MS)/SOP/AM/M/7
318	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Liquid milk/Milk Powder	Detection and Quantitation of Pendimethalin	NRCMQS(MS)/SOP/AM/M/8
319	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Liquid Milk/Milk Powder	Detection and Quantitation of Pyrazosulfuron ethyl	NRCMQS(MS)/SOP/AM/M/9
320	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Liquid Milk/Milk Powder	Detection and Quantitation of Trichlorfon	NRCMQS(MS)/SOP/AM/M/10