



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH
CENTRE**

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

83 & 84 AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU, INDIA

in the field of

TESTING

Certificate Number: TC-5324

Issue Date: 31/03/2023

Valid Until:

30/03/2025

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Identity : SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84 AVAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU, 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
44	BIOLOGICAL- WATER	Packaged Drinking Water	Vibrio Cholerae	IS 14543:2016,Cl.No.5.2.9 IS 5887 (Part 5)
45	BIOLOGICAL- WATER	Packaged Drinking Water	Vibrio parahaemolyticus	IS 14543:2016,Cl.No.5.2.9 IS 5887 (Part 5)
46	BIOLOGICAL- WATER	Packaged Drinking Water	Yeast & Mould	IS 14543:2016,Cl.No.5.2.7 IS 5403
47	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Aerobic Microbial Count at 22 Deg C for 72hrs	IS 5402
48	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Aerobic Microbial Count at 37 Deg C for 24hrs	IS 5402
49	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Escherichia coli	IS 13428:2005,Cl.No.6.1.1 IS 15185
50	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Faecal streptococci	IS 13428:2005,Cl.No.6.1.3 IS 15186
51	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Pseudomonas aeruginosa	IS 13428:2005,Cl.No.6.1.5 IS 13428 (ANNEX - D),
52	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Salmonella	IS 13428:2005,Cl.No.6.1.7 IS 15187
53	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Shigella	IS 13428:2005,Cl.No.6.1.7 IS 5887 (Part 7)
54	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Staphylococcus aureus	IS 13428:2005,Cl.No.6.1.3 IS 5887 (Part 2)
55	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Sulphite Reducing Anaerobes	IS 13428:2005,Cl.No.6.1.4 IS 13428 (ANNEX - C)
56	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Total Coliforms	IS 13428:2005,Cl.No.6.1.2 IS 15185
57	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Vibrio Cholerae	IS 13428:2005,Cl.No.6.1.8 IS 5887 (Part 5)
58	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Vibrio Parahaemolyticus	IS 13428:2005,Cl.No.6.1.8 IS 5887 (Part 5)
59	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Yeast & Mould	IS 13428:2005,Cl.No.6.1.6 IS 5403
60	BIOLOGICAL- WATER	RO Water	Coliforms	IS 15185
61	BIOLOGICAL- WATER	RO Water	Escherichia coli	IS 15185
62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein Oil	Peroxide value	IS 8361:2014,Table 1,Clause 5.7,S.No viii,IS 548(Part -1/Sec 2)



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63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea	Acid insoluble Ash	IS 13857
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea	Alkalinity of water soluble Ash	IS 13856
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea	Crude fibre	IS 16041
66	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea	Loss in mass at 103 Deg C	IS 13853
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea	Total Ash	IS 13854
68	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea	Water insoluble Ash	IS 13855
69	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea	Water extract	IS 13862
70	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea	Water soluble Ash	IS 13855
71	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Acid value	IS 548 (part-1/Sec 2)
72	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Argemone oil	IS 15642 (part-1&2)
73	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Bellier turbidity temperature	IS 548 (Part-2)
74	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Castor oil	IS 15642 (part-1&2)
75	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Flash point-penski martens(closed)	IS 1448 (part 21)
76	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Insoluble Impurities	IS 548 (part-1/Sec 2)



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77	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Iodine value(Wijs)	IS 548 (part-1/Sec 2)
78	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Mineral oil	IS 15642 (part-1&2)
79	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Moisture	IS 548 (part-1/Sec 2)
80	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Peroxide value	IS 548 (part-1/Sec 2)
81	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Rancidity	FSSAI Lab Manual-2
82	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Refractive index at 40 Deg C	IS 548 (part-1/Sec 2)
83	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Saponification value	IS 548 (part-1/Sec 2)
84	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Specific gravity 30 Deg C/30Deg C	IS 548 (part-1/Sec 2)
85	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Unsaponifiable matter	IS 548 (part-1/Sec 2)
86	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Acid value	IS 544:2014,Table 1,Clause 5.7,S.No vii,IS 548 (part-1/Sec 2)
87	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut oil	Argemone oil	IS 15642 (part-1&2)
88	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Bellier turbidity temperature	IS 544:2014,Table 1,Clause 5.7,S.No xi,IS 548 (Part-2/Sec 2)
89	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Castor oil	IS 15642 (part-1&2)
90	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Flash point-pensky-martens(closed)	IS 544:2014,Table 1,Clause 5.7,S.No ix,IS 1448 (part 21)



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91	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Insoluble Impurities	IS 544:2014,Table 1,Clause 5.7,S.No i,IS 548 (part-1/Sec 2)
92	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Iodine value(Wijs)	IS 544:2014,Table 1,Clause 5.7,S.No vi,IS 548 (part-1/Sec 2)
93	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Mineral oil	IS 15642 (part-1&2)
94	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Moisture	IS 544:2014,Table 1,Clause 5.7,S.No i,IS 548 (part-1/Sec 2)
95	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Rancidity	FSSAI Lab Manual-2
96	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Refractive index at 40 Deg C	IS 544:2014,Table 1,Clause 5.7,S.No iii,IS 548 (part-1/Sec 2)
97	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Saponification value	IS 544:2014,Table 1,Clause 5.7,S.No v,IS 548 (part-1/Sec 2)
98	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Specific gravity 30 Deg C/30 Deg C	IS 544:2014,Table 1,Clause 5.7,S.No iv,IS 548 (part-1/Sec 2)
99	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Unsaponifiable matter	IS 544:2014,Table 1,Clause 5.7,S.No viii,IS 548 (part-1/Sec 2)
100	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Acid Value	IS 546:2014,Table 1,Clause 5.7,S.No vi,IS 548(Part-1/Sec 2)
101	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Argemone Oil	IS 15642(Part-1&2)
102	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Bellier Turbidity Temperature	IS 546:2014,Table 1,Clause 5.7,S.No ix,IS 548(Part-2/Sec2)
103	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Castor Oil	IS 15642(Part-1&2)
104	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Flash Point-Pensky martens(Closed)	IS 546:2014,Table 1,Clause 5.7,S.No x,IS 1448(Part 21),



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105	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Insoluble Impurities	IS 546:2014,Table 1,Clause 5.7,S.No i,IS 548(Part-1&Sec 2)
106	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Iodine Value(Wijs)	IS 546:2014,Table 1,Clause 5.7,S.No v,IS 548(Part-1&Sec 2)
107	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Mineral Oil	IS 15642(Part-1&2)
108	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Moisture	IS 546:2014,Table 1,Clause 5.7,S.No i,IS 548(Part-1/Sec 2)
109	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Rancidity	FSSAI Lab Manual-2
110	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Refractive Index at 40 Deg C	IS 546:2014,Table 1,Clause 5.7,S.No iii,IS 548(Part-1/Sec 2)
111	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Saponification Value	IS 546:2014,Table 1,Clause 5.7,S.No iv,IS 548(Part-1/Sec 2)
112	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Unsaponifiable Matter	IS 546:2014,Table 1,Clause 5.7,S.No vii,IS 548(Part-1&Sec 2)
113	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein Oil	Acid value	IS 8361:2014,Table 1,Clause 5.7,S.No vi,IS 548(Part -1/Sec 2)
114	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein Oil	Argemone Oil	IS 15642(Part-1&2)
115	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein Oil	Castor Oil	IS 15642(Part-1&2)
116	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein Oil	Flash Point -Pensky Mortens(Closed)	IS 8361:2014,Table 1,Clause 5.7,S.No xi,IS 1448(Part 21)
117	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein Oil	Insoluble Impurities	IS 8361:2014,Table 1,Clause 5.7,S.No i,IS 548(Part -1/Sec 2)
118	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein Oil	Iodine value(Wijs)	IS 8361:2014,Table 1,Clause 5.7,S.No v,IS 548(Part -1/Sec 2)



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119	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein Oil	Mineral Oil	IS 15642(Part-1&2)
120	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein Oil	Moisture	IS 8361:2014,Table 1,Clause 5.7,S.No i,IS 548(Part -1/Sec 2)
121	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein Oil	Rancidity	FSSAI Lab Manual-2
122	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein Oil	Refractive Index at 40 Deg C	IS 8361:2014,Table 1,Clause 5.7,S.No iii,IS 548(Part -1/Sec 2)
123	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein Oil	Saponification value	IS 8361:2014,Table 1,Clause 5.7,S.No iv,IS 548(Part -1/Sec 2)
124	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein Oil	Unsaponifiable matter	IS 8361:2014,Table 1,Clause 5.7,S.No vii,IS 548(Part -1/Sec 2)
125	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice bran Oil	Acid Value	IS 3448:2014,Table 1,Clause 5.7,S.No vii,IS 548(Part-1&/Sec 2)
126	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice bran Oil	Argemone Oil	IS 15642(Part-1&2)
127	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice bran Oil	Castor Oil	IS 15642(Part-1&2)
128	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice bran Oil	Flash Point-Pensky martens(Closed)	IS 3448:2014,Table 1,Clause 5.7,S.No ix,IS 1448(Part 21)
129	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice bran Oil	Insoluble Impurities	IS 3448:2014,Table 1,Clause 5.7,S.No i,IS 548(Part-1/Sec 2)
130	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice bran Oil	Iodine Value(Wijs)	IS 3448:2014,Table 1,Clause 5.7,S.No vi,IS 548(Part-1/Sec 2)
131	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice bran Oil	Mineral Oil	IS 15642(Part-1&2)
132	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice bran Oil	Moisture	IS 3448:2014,Table 1,Clause 5.7,S.No i,IS 548(Part-1&Sec 2)



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133	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice bran Oil	Rancidity	FSSAI Lab Manual-2
134	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice bran Oil	Refractive Index at 40 Deg C	IS 3448:2014,Table 1,Clause 5.7,S.No iii,IS 548(Part 1&Sec 2)
135	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice bran Oil	Saponification value	IS 3448:2014,Table 1,Clause 5.7,S.No v,IS 548(Part-1&Sec 2)
136	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice bran Oil	Specific Gravity at 30 Deg C/30 Deg C	IS 3448:2014,Table 1,Clause 5.7,S.No iv,IS 548(Part-1/Sec 2)
137	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice bran Oil	Unsaponifiable Matter	IS 3448:2014,Table 1,Clause 5.7,S.No viii,IS 548(Part-1/Sec 2)
138	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame Oil	Acid value	IS 547:2018,Table 1,Clause 5.8,S.No vii,IS 548(Part -1/Sec 2)
139	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame Oil	Argemone Oil	IS 15642(Part-1&2)
140	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame Oil	Bellier Turbidity Temperature	IS 547:2018,Table 1,Clause 5.8,S.No ix,IS 548(Part -1/Sec 2)
141	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame Oil	Castor Oil	IS 15642(Part-1&2)
142	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame Oil	Flash Point-Pensky Mortens(Closed)	IS 547:2018,Table 1,Clause 5.8,S.No x,IS 1448(Part 21)
143	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame Oil	Insoluble Impurities	IS 547:2018,Table 1,Clause 5.8,S.No i,IS 548(Part -1/Sec 2)
144	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame Oil	Iodine Value(Wijs)	IS 547:2018,Table 1,Clause 5.8,S.No vi,IS 548(Part -1/Sec 2)
145	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame Oil	Mineral Oil	IS 15642(Part-1&2)
146	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame Oil	Moisture	IS 547:2018,Table 1,Clause 5.8,S.No i,IS 548(Part -1/Sec 2)



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147	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame Oil	Rancidity	FSSAI Lab Manual-2
148	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame Oil	Refractive Index at 40 Deg C	IS 547:2018,Table 1,Clause 5.8,S.No iii,IS 548(Part -1/Sec 2)
149	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame Oil	Saponification value	IS 547:2018,Table 1,Clause 5.8,S.No v,IS 548(Part -1/Sec 2)
150	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame Oil	Specific Gravity at 30 Deg C/30 Deg C	IS 547:2018,Table 1,Clause 5.8,S.No iv,IS 548(Part -1/Sec 2)
151	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame Oil	Unsaponifiable Matter	IS 547:2018,Table 1,Clause 5.8,S.No viii,IS 548(Part -1/Sec 2)
152	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Soybean Oil	Acid Value	IS 4276:2014,Table 1,Clause 5.7,S.No vi,IS 548(Part-1/Sec 2)
153	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Soybean Oil	Argemone Oil	IS 15642(Part-1&2)
154	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Soybean Oil	Castor Oil	IS 15642(Part-1&2)
155	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Soybean Oil	Flash Point Pensky - Martens(Closed)	IS 4276:2014,Table 1,Clause 5.7,S.No viii,IS 1448(Part 21)
156	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Soybean Oil	Insoluble Impurities	IS 4276:2014,Table 1,Clause 5.7,S.No i,IS 548(Part-1/Sec 2)
157	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Soybean Oil	Iodine Value(Wijs)	IS 4276:2014,Table 1,Clause 5.7,S.No v,IS 548(Part-1/Sec 2)
158	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Soybean Oil	Mineral Oil	IS 15642(Part-1&2)
159	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Soybean Oil	Moisture	IS 4276:2014,Table 1,Clause 5.7,S.No i,IS 548(Part-1/Sec 2)
160	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Soybean Oil	Phosphorous	IS 4276:2014,Table 1,Clause 5.7,S.No x,IS 4276



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161	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Soybean Oil	Rancidity	FSSAI Lab Manual-2
162	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Soybean Oil	Refractive Index at 40 Deg C	IS 4276:2014,Table 1,Clause 5.7,S.No iii,IS 548(Part-1/Sec 2)
163	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Soybean Oil	Saponification Value	IS 4276:2014,Table 1,Clause 5.7,S.No iv,IS 548(Part-1/Sec 2)
164	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Soybean Oil	Unsaponifiable Matter	IS 4276:2014,Table 1,Clause 5.7,S.No vii,IS 548(Part-1/Sec 2)
165	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Acid Value	IS 4277:2014,Table 1,Clause 5.7,S.No vi,IS 548(Part-1/Sec 2)
166	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Argemone Oil	IS 15642(Part-1&2)
167	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Castor Oil	IS 15642(Part-1&2)
168	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Flash Point-Pensky Mortens(Closed)	IS 4277:2014,Table 1,Clause 5.7,S.No viii,IS 1448(Part 21)
169	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Insoluble Impurities	IS 4277:2014,Table 1,Clause 5.7,S.No i,IS 548(Part-1/Sec 2)
170	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Iodine Value	IS 4277:2014,Table 1,Clause 5.7,S.No v,IS 548(Part-1/Sec 2)
171	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Mineral Oil	IS 15642(Part-1&2)
172	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Moisture	IS 4277:2014,Table 1,Clause 5.7,S.No i,IS 548(Part-1/Sec 2)
173	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Rancidity	FSSAI Lab Manual-2
174	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Refractive Index at 40 Deg C	IS 4277:2014,Table 1,Clause 5.7,S.No iii,IS 548(Part-1/Sec 2)



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175	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Saponification Value	IS 4277:2014,Table 1,Clause 5.7,S.No iv,IS 548(Part-1/Sec 2)
176	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Unsaponifiable Matter	IS 4277:2014,Table 1,Clause 5.7,S.No vii,IS 548(Part-1/Sec 2)
177	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Aluminium	OES & IS 8811
178	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Carbon	OES & IS 8811
179	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Chromium	OES & IS 8811
180	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Cobalt	OES & IS 8811
181	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Copper	OES & IS 8811
182	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Manganese	OES & IS 8811
183	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Molybdenum	OES & IS 8811
184	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Nickel	OES & IS 8811
185	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Phosphorous	OES & IS 8811
186	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Silicon	OES & IS 8811
187	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Sulphur	OES & IS 8811
188	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Titanium	OES & IS 8811
189	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	IS 12308(Part 11)
190	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	OES & IS 15338
191	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	OES & IS 15338
192	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	IS 12308 (Part 12)



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193	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	OES & IS 15338
194	CHEMICAL- METALS & ALLOYS	Cast Iron	Magnesium	IS 12308 (Part 13)
195	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	IS 12308 (Part 10)
196	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	OES & IS 15338
197	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	OES & IS 15338
198	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	IS 12308 (Part 7)
199	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	OES & IS 15338
200	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorous	IS 12308 (Part 5)
201	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorous	OES & IS 15338
202	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	IS 12308 (Part 6)
203	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	OES & IS 15338
204	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	IS 12308 (Part 2)
205	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	OES & IS 15338
206	CHEMICAL- METALS & ALLOYS	Copper	Copper	IS 7212
207	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Copper	IS 440
208	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Copper	IS 4027(Part 1)
209	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Iron	IS 4027(Part 8)
210	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Lead	IS 4027(Part 1)
211	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Nickel	IS 440



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212	CHEMICAL- METALS & ALLOYS	Ferro Chromium	Chromium	IS 13452(Part 5)
213	CHEMICAL- METALS & ALLOYS	Ferro Chromium	Chromium	IS 13452(Part 6)
214	CHEMICAL- METALS & ALLOYS	Ferro Silicon	Silicon	IS 1559(Part 1)
215	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
216	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
217	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
218	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
219	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
220	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
221	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	IS 9879
222	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
223	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
224	CHEMICAL- METALS & ALLOYS	Steel	Carbon	IS 228 (Part 1)
225	CHEMICAL- METALS & ALLOYS	Steel	Chromium	IS 228 (Part 6)
226	CHEMICAL- METALS & ALLOYS	Steel	Manganese	IS 228 (Part 2)
227	CHEMICAL- METALS & ALLOYS	Steel	Nickel	IS 228 (Part 5)
228	CHEMICAL- METALS & ALLOYS	Steel	Silicon	IS 228 (Part 8)
229	CHEMICAL- METALS & ALLOYS	Steel	Sulphur	IS 228 (Part 9)
230	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Black Tea	Copper	IS 11123



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231	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Black Tea	Dicofol	AOAC Method 2007.01,19th edition
232	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Black Tea	Ethion	AOAC Method 2007.01,19th edition
233	CHEMICAL- RESIDUES IN WATER	Bore well Water	Aluminium(as Al)	IS 15302
234	CHEMICAL- RESIDUES IN WATER	Bore well Water	Aluminium(as Al)	IS 3025(Part 55)
235	CHEMICAL- RESIDUES IN WATER	Bore well Water	Antimony(as Sb)	IS 15303
236	CHEMICAL- RESIDUES IN WATER	Bore well Water	Copper (as Cu)	IS 3025 (Part 42)
237	CHEMICAL- RESIDUES IN WATER	Bore well Water	Iron(as Fe)	IS 15303
238	CHEMICAL- RESIDUES IN WATER	Bore well Water	Iron(as Fe)	IS 3025(Part 53)
239	CHEMICAL- RESIDUES IN WATER	Bore well Water	Selenium(as Se)	IS 15303
240	CHEMICAL- RESIDUES IN WATER	Bore well Water	Selenium(as Se)	IS 3025(Part 56)
241	CHEMICAL- RESIDUES IN WATER	Bore well Water	Silver(as Ag)	Annex J of IS 13428
242	CHEMICAL- RESIDUES IN WATER	Bore Well Water	Zinc(as Zn)	IS 3025(Part 49)
243	CHEMICAL- RESIDUES IN WATER	Drinking Water	Copper (as Cu)	IS 10500 : 2012,Table 2,Clause 4,S.No ix,IS 3025 (Part 42)
244	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron (as Fe)	IS 10500 : 2012,Table 2,Clause 4,S.No xii,IS 15303
245	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron (as Fe)	IS 10500 : 2012,Table 2,Clause 4,S.No xii,IS 3025 (Part 53)
246	CHEMICAL- RESIDUES IN WATER	Drinking Water	Selenium(as Se)	IS 10500 : 2012,Table 2,Clause 4,S.No xviii,IS 15303
247	CHEMICAL- RESIDUES IN WATER	Drinking Water	Selenium(as Se)	IS 10500 : 2012,Table 2,Clause 4,S.No xviii,IS 3025 (Part 56)
248	CHEMICAL- RESIDUES IN WATER	Drinking Water	Silver (as Ag)	IS 10500 : 2012,Table 2,Clause 4,S.No xix,Annex J of IS 13428
249	CHEMICAL- RESIDUES IN WATER	Drinking Water	Zinc (as Zn)	IS 10500 : 2012,Table 2,Clause 4,S.No xxiv,IS 3025 (Part 49)



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250	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Cyanide(as CN)	IS 14543:2016,Table 3,Clause 5.3,IS 3025(Part 27/Sec1)
251	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Anthracene	APHA 6440 ,23rd Edition
252	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Benzo (a) Pyrene	APHA 6440 ,23rd Edition
253	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Chrysene	APHA 6440 ,23rd Edition
254	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Dibenze (a,h) Anthracene	APHA 6440 ,23rd Edition
255	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Fluoranthene	APHA 6440 ,23rd Edition
256	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Naphthalene	APHA 6440 ,23rd Edition
257	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Phenanthrene	APHA 6440 ,23rd Edition
258	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Pyrene	APHA 6440 ,23rd Edition
259	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	2,2',3,4,4',5' Hexachlorobiphenyl	Annex M of IS 13428
260	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	2,2',3,4,4',5,5' Heptachlorobinyl	Annex M of IS 13428
261	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	2,2',4,4',5,5' hexachlorobiphenyl	Annex M of IS 13428
262	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	2,2',5,5' Tetrachlorobiphenyl	Annex M of IS 13428
263	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	2,4,4' Trichlorobiphenyl	Annex M of IS 13428
264	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	2,4D	USEPA 515.1 Revision 4.1
265	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	2,4D	USEPA 555- Revision 1.0
266	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	2,4DDD	USEPA 508,Revision 3.1
267	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	2,4DDE	USEPA 508,Revision 3.1
268	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	2,4DDT	USEPA 508,Revision 3.1



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269	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	2,6 Dichlorobiphenyl	Annex M of IS 13428
270	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	4,4DDE	USEPA 508,Revision 3.1
271	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	4,4DDT	USEPA 508,Revision 3.1
272	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Acenaphthene	APHA 6440 ,23rd Edition
273	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Acenaphthylene	APHA 6440 ,23rd Edition
274	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Alachlor	USEPA 525.2- Revision 2.0
275	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Aldrin	USEPA 525.2- Revision 2.0
276	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Alpha Endosulphan	USEPA 508,Revision 3.1
277	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Alpha HCH	USEPA 508,Revision 3.1
278	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Arsenic(as As)	IS 3025 (Part 37)
279	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Atrazine	USEPA 525.2- Revision 2.0
280	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Benzo (a) Anthracene	APHA 6440 ,23rd Edition
281	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Benzo (b) Fluoranthene	APHA 6440 ,23rd Edition
282	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Benzo (g,h,i) Perylene	APHA 6440 ,23rd Edition
283	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Benzo (k) Fluoranthene	APHA 6440 ,23rd Edition
284	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Beta Endosulphan	USEPA 508,Revision 3.1
285	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Beta HCH	USEPA 508,Revision 3.1
286	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Butachlor	USEPA 525.2- Revision 2.0
287	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Cadmium(as Cd)	IS 3025 (Part 41)



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288	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Chlorpyrifos	USEPA 525.2- Revision 2.0
289	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Cyanide(as CN)	IS 3025 (Part 27/Sec 1)
290	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Delta HCH	USEPA 508,Revision 3.1
291	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Dieldrin	USEPA 525.2- Revision 2.0
292	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Endosulphan Sulphate	USEPA 508,Revision 3.1
293	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Ethion	USEPA 1657A -Revision A, Sep
294	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Fluorene	APHA 6440 ,23rd Edition
295	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Indeno (1,2,3-cd) Pyrene	APHA 6440 ,23rd Edition
296	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Isoproturon	USEPA 532- Revision 1.0 ,June
297	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Lead(as Pb)	IS 3025 (Part 47)
298	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Lindane	USEPA 508,Revision 3.1
299	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Malaoxon	USEPA 8141A,Revision 1.0 ,Sep
300	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Malathion	USEPA 8141A,Revision 1.0 ,Sep
301	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Mercury(as Hg)	IS 3025 (Part 48)
302	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Methly Paraoxon	USEPA 8141A,Revision 1.0 ,Sep
303	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Methyl Parathion	USEPA 8141A,Revision 1.0 ,Sep
304	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Monocrotophos	USEPA 8141A,Revision 1.0 ,Sep
305	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Nickle(as Ni)	Annex L of IS 13428
306	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Phorate	USEPA 8141A,Revision 1.0 ,Sep



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307	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Phorate Sulphone	USEPA 8141A,Revision 1.0 ,Sep
308	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Phorate Sulphoxide	USEPA 8141A,Revision 1.0 ,Sep
309	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well WaterWater-Bore Well Water	4,4DDD	USEPA 508,Revision 3.1
310	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well WaterWater-Bore Well Water	Chromium(as Cr)	Annex J of IS 13428
311	CHEMICAL- RESIDUES IN WATER	Packaged Natural Mineral Water	Antimony (as Sb)	IS 13428:2005,Table 2,Clause 6.2,S.No ix,IS 15303
312	CHEMICAL- RESIDUES IN WATER	Packaged Natural Mineral Water	Copper(as Cu)	IS 13428:2005,Table 2,Clause 6.2,S.No v,IS 3025 (Part 42)
313	CHEMICAL- RESIDUES IN WATER	Packaged Natural Mineral Water	Selenium(as Se)	IS 13428:2005,Table 2,Clause 6.2,S.No xviii,IS 15303
314	CHEMICAL- RESIDUES IN WATER	Packaged Natural Mineral Water	Selenium(as Se)	IS 13428:2005,Table 2,Clause 6.2,S.No xviii,IS 3025 (Part 56)
315	CHEMICAL- RESIDUES IN WATER	Packaged Natural Mineral Water	Silver(as Ag)	IS 13428:2005,Table 2,Clause 6.2,S.No xi,Annex J of IS 13428
316	CHEMICAL- WATER	Drinking Water	Aluminium (as Al)	IS 10500 : 2012,Table 2,Clause 4,S.No i,IS 15302
317	CHEMICAL- WATER	Drinking Water	Aluminium (as Al)	IS 10500 : 2012,Table 2,Clause 4,S.No i,IS:3025 (Part 55)
318	CHEMICAL- WATER	Bore Well Water	Colour	IS 3025 (Part 4)
319	CHEMICAL- WATER	Bore Well Water	Alkalinity(as HCO ₃)	IS 3025(Part 23)
320	CHEMICAL- WATER	Bore Well Water	Ammonia(as NH ₃ -N)	IS 3025(Part 34)
321	CHEMICAL- WATER	Bore Well Water	Anionic surface active agents (as MBAS)	Annex K of IS 13428
322	CHEMICAL- WATER	Bore Well Water	Barium (as Ba)	Annex F of IS 13428
323	CHEMICAL- WATER	Bore Well Water	Borates(as B)	Annex H of IS 13428
324	CHEMICAL- WATER	Bore Well Water	Calcium(as Ca)	IS 3025(Part 40)
325	CHEMICAL- WATER	Bore Well Water	Chloride (as Cl)	IS 3025(Part 32)
326	CHEMICAL- WATER	Bore Well Water	Conductivity	IS 3025(Part 14)
327	CHEMICAL- WATER	Bore Well Water	Fluoride(as F)	IS 3025(Part 60)
328	CHEMICAL- WATER	Bore Well Water	Free Residual chlorine	IS 3025(Part 26)



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329	CHEMICAL- WATER	Bore Well Water	Magnesium(as Mg)	IS 3025(Part 46)
330	CHEMICAL- WATER	Bore Well Water	Manganese(as Mn)	IS 3025(Part 59)
331	CHEMICAL- WATER	Bore Well Water	Mineral Oil	IS 3025(Part 39)
332	CHEMICAL- WATER	Bore Well Water	Nitrate(NO3)	IS 3025(Part 34)
333	CHEMICAL- WATER	Bore Well Water	Nitrite(NO2)	IS 3025(Part 34)
334	CHEMICAL- WATER	Bore Well Water	Odour	IS 3025 (Part 5)
335	CHEMICAL- WATER	Bore Well Water	pH	IS 3025 (Part 11)
336	CHEMICAL- WATER	Bore Well Water	Phenolic compounds(as C6H5OH)	IS 3025(Part 43/Sec1)
337	CHEMICAL- WATER	Bore Well Water	Potassium(as K)	IS 3025(Part 45)
338	CHEMICAL- WATER	Bore well water	Silica(as SiO2)	IS 3025(Part 35)
339	CHEMICAL- WATER	Bore Well Water	Sodium(as Na)	IS 3025(Part 45)
340	CHEMICAL- WATER	Bore Well Water	Sulphate(as SO4)	IS 3025(Part 24/Sec 1)
341	CHEMICAL- WATER	Bore Well Water	Sulphide(H2S)	IS 3025(Part 29)
342	CHEMICAL- WATER	Bore Well Water	Taste	IS 3025 (Part 8)
343	CHEMICAL- WATER	Bore Well Water	Total Dissolved Solids	IS 3025(Part 16)
344	CHEMICAL- WATER	Bore Well Water	Total Hardness(as CaCO3)	IS 3025(Part 21)
345	CHEMICAL- WATER	Bore Well Water	Total Kjeldahl Nitrogen	IS 3025(Part 34)
346	CHEMICAL- WATER	Bore Well Water	Total Solids	IS 3025 (Part 15)
347	CHEMICAL- WATER	Bore Well Water	Total Suspended Solids	IS 3025 (Part 17)
348	CHEMICAL- WATER	Bore Well Water	Turbidity	IS 3025 (Part 10)
349	CHEMICAL- WATER	Drinking Water	Alkalinity (as HCO3)	IS 10500 : 2012,Table 2,Clause 4,S.No xxii,IS:3025(Part 23)
350	CHEMICAL- WATER	Drinking Water	Ammonia(as NH3-N)	IS 10500 : 2012,Table 2,Clause 4,S.No ii,IS 3025 (Part-34)
351	CHEMICAL- WATER	Drinking Water	Anionic surface active agent(as MBAS)	IS 10500 : 2012,Table 2,Clause 4,S.No iii,Annex K of IS 13428
352	CHEMICAL- WATER	Drinking Water	Barium (as Ba)	IS 10500 : 2012,Table 2,Clause 4,S.No iv,Annex F of IS 13428
353	CHEMICAL- WATER	Drinking Water	Borate(as B)	IS 10500 : 2012,Table 2,Clause 4,S.No v,Annex H of IS 13428
354	CHEMICAL- WATER	Drinking Water	Calcium(as Ca)	IS 10500 : 2012,Table 2,Clause 4,S.No vi,IS:3025 (Part 40)



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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
355	CHEMICAL- WATER	Drinking Water	Chloride(as Cl)	IS 10500 : 2012,Table 2,Clause 4,S.No viii,IS 3025 (Part 32)
356	CHEMICAL- WATER	Drinking Water	Colour	IS 10500 : 2012,Table 1,Clause 4,S.No i,IS 3025 (Part 4)
357	CHEMICAL- WATER	Drinking Water	Fluoride(as F)	IS 10500 : 2012,Table 2,Clause 4,S.No x,IS 3025 (Part 60)
358	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine	IS 10500 : 2012,Table 2,Clause 4,S.No xi,IS 3025 (Part 26)
359	CHEMICAL- WATER	Drinking Water	Magnesium(as Mg)	IS 10500 : 2012,Table 2,Clause 4,S.No xiii,IS 3025 (Part 46)
360	CHEMICAL- WATER	Drinking Water	Manganese (as Mn)	IS 10500 : 2012,Table 2,Clause 4,S.No xiv,IS 3025 (Part 59)
361	CHEMICAL- WATER	Drinking Water	Mineral Oil	IS 10500 : 2012,Table 2,Clause 4,S.No xv,IS 3025 (Part 39)
362	CHEMICAL- WATER	Drinking Water	Nitrate(as NO ₃)	IS 10500 : 2012,Table 2,Clause 4,S.No xvi,IS 3025 (Part 34)
363	CHEMICAL- WATER	Drinking Water	Odour	IS 10500 : 2012,Table 1,Clause 4,S.No ii,IS 3025 (Part 5)
364	CHEMICAL- WATER	Drinking Water	pH	IS 10500 : 2012,Table 1,Clause 4,S.No iii,IS 3025 (Part 11)
365	CHEMICAL- WATER	Drinking Water	Phenolic Compound(as C ₆ H ₅ OH)	IS 10500 : 2012,Table 2,Clause 4,S.No xvii,IS 3025 (Part 43/Sec 1)
366	CHEMICAL- WATER	Drinking Water	Sulphate (as SO ₄)	IS 10500 : 2012,Table 2,Clause 4,S.No xx,IS 3025 (Part 24/Sec 1)
367	CHEMICAL- WATER	Drinking Water	Sulphide(as H ₂ S)	IS 10500 : 2012,Table 2,Clause 4,S.No xxi,IS 3025 (Part 29)
368	CHEMICAL- WATER	Drinking Water	Taste	IS 10500 : 2012,Table 1,Clause 4,S.No iv,IS 3025 (Part 8)
369	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 10500 : 2012,Table 1,Clause 4,S.No vi,IS 3025 (Part 16)
370	CHEMICAL- WATER	Drinking Water	Total Hardness (as CaCo ₃)	IS 10500 : 2012,Table 2,Clause 4,S.No xxiii,IS 3025 (Part 21)
371	CHEMICAL- WATER	Drinking Water	Turbidity	IS 10500 : 2012,Table 1,Clause 4,S.No v,IS 3025 (Part 10)
372	CHEMICAL- WATER	Packaged Drinking Water	Alkalinity (as HCO ₃)	IS 3025(Part 23)
373	CHEMICAL- WATER	Packaged Drinking Water	Aluminium (as Al)	IS 15302



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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
374	CHEMICAL- WATER	Packaged Drinking Water	Aluminium (as Al)	IS 3025 (Part 55)
375	CHEMICAL- WATER	Packaged Drinking Water	Anionic surface active agent (as MBAS)	Annex K of IS 13428
376	CHEMICAL- WATER	Packaged Drinking Water	Antimony (as Sb)	IS 15303
377	CHEMICAL- WATER	Packaged Drinking Water	Barium	Annex F of IS 13428
378	CHEMICAL- WATER	Packaged Drinking Water	Borates (as B)	Annex H of IS 13428
379	CHEMICAL- WATER	Packaged Drinking Water	Bromate	IS 3025(Part 67)
380	CHEMICAL- WATER	Packaged Drinking Water	Bromate (as Bro3)	ISO 15061
381	CHEMICAL- WATER	Packaged Drinking Water	Calcium (as Ca)	IS 3025 (Part 40)
382	CHEMICAL- WATER	Packaged Drinking Water	Chloride (as Cl)	IS 3025 (Part 32)
383	CHEMICAL- WATER	Packaged Drinking Water	Colour	IS 3025 (Part 4)
384	CHEMICAL- WATER	Packaged Drinking Water	Copper (as Cu)	IS 3025 (Part 42):1992 RA
385	CHEMICAL- WATER	Packaged Drinking Water	Fluoride(as F)	IS 3025 (Part 60)
386	CHEMICAL- WATER	Packaged Drinking Water	Iron	IS 15303
387	CHEMICAL- WATER	Packaged Drinking Water	Iron(as Fe)	IS 3025(Part 53)
388	CHEMICAL- WATER	Packaged Drinking Water	Magnesium (as Mg)	IS 3025 (Part 46)
389	CHEMICAL- WATER	Packaged Drinking Water	Manganese(as Mn)	IS 3025 (Part 59)
390	CHEMICAL- WATER	Packaged Drinking Water	Mineral Oil	IS 3025 (Part 39)
391	CHEMICAL- WATER	Packaged Drinking Water	Nitrate(NO3)	IS 3025 (Part 34)
392	CHEMICAL- WATER	Packaged Drinking Water	Nitrite(as NO2)	IS 3024 (Part 34)
393	CHEMICAL- WATER	Packaged Drinking Water	Odour	IS 3025(Part-5)
394	CHEMICAL- WATER	Packaged Drinking Water	pH	IS:3025 (Part-11)
395	CHEMICAL- WATER	Packaged Drinking Water	Phenolic Compound (as C6H5OH)	IS 3025 (Part 43/Sec 1)
396	CHEMICAL- WATER	Packaged Drinking Water	Residual Free Chlorine	IS 3025 (Part 26)
397	CHEMICAL- WATER	Packaged Drinking Water	Selenium (as Se)	IS 15303
398	CHEMICAL- WATER	Packaged Drinking Water	Selenium (as Se)	IS 3025 (Part 56)
399	CHEMICAL- WATER	Packaged Drinking Water	Silver (as Ag)	Annex J of IS 13428
400	CHEMICAL- WATER	Packaged Drinking Water	Sodium (as Na)	IS 3025 (Part 45)
401	CHEMICAL- WATER	Packaged Drinking Water	Sulphate (as SO4)	IS 3025 (Part 24/Sec 1)
402	CHEMICAL- WATER	Packaged Drinking Water	Sulphide (as H2S)	IS 3025 (Part 29)



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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
403	CHEMICAL- WATER	Packaged Drinking Water	Taste	IS:3025(Part-8)
404	CHEMICAL- WATER	Packaged Drinking Water	Total dissolved solids	IS:3025 (Part-16)
405	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	IS 3025 (Part 10)
406	CHEMICAL- WATER	Packaged Drinking Water	Znic (as Zn)	IS 3025 (Part 49)
407	CHEMICAL- WATER	Packaged Natural Mineral Water	Alkalinity(as HCO ₃)	IS 13428:2005,Table 2,Clause 6.2,S.No xvii,IS 3025 (Part 23)
408	CHEMICAL- WATER	Packaged Natural Mineral Water	Anionic surface active agent (as MBAS)	IS 13428:2005,Table 2,Clause 6.2,S.No xxi,Annex K of IS 13428
409	CHEMICAL- WATER	Packaged Natural Mineral Water	Barium(as Ba)	IS 13428:2005,Table 2,Clause 6.2,S.No viii,Annex F of IS 13428
410	CHEMICAL- WATER	Packaged Natural Mineral Water	Borate (as B)	IS 13428:2005,Table 2,Clause 6.2,S.No x,Annex H of IS 13428
411	CHEMICAL- WATER	Packaged Natural Mineral Water	Calcium (as Ca)	IS 13428:2005,Table 2,Clause 6.2,S.No xv,IS 3025 (Part 40)
412	CHEMICAL- WATER	Packaged Natural Mineral Water	Chloride(as Cl)	IS 13428:2005,Table 2,Clause 6.2,S.No xii,IS 3025 (Part 32)
413	CHEMICAL- WATER	Packaged Natural Mineral Water	Colour	IS 13428:2005,Table 1,Clause 6.2,S.No i,IS 3025 (Part 4)
414	CHEMICAL- WATER	Packaged Natural Mineral Water	Fluoride(as F)	IS 13428:2005,Table 2,Clause 6.2,S.No vii,IS 3025 (Part 60)
415	CHEMICAL- WATER	Packaged Natural Mineral Water	Magnesium (as Mg)	IS 13428:2005,Table 2,Clause 6.2,S.No xiv,IS 3025 (Part 46)
416	CHEMICAL- WATER	Packaged Natural Mineral Water	Manganese(as Mn)	IS 13428:2005,Table 2,Clause 6.2,S.No iv,IS 3025 (Part 59)
417	CHEMICAL- WATER	Packaged Natural Mineral Water	Mineral oil	IS 13428:2005,Table 2,Clause 6.2,S.No xix,IS 3025 (Part 39)
418	CHEMICAL- WATER	Packaged Natural Mineral Water	Nitrate(as NO ₃)	IS 13428:2005,Table 2,Clause 6.2,S.No i,IS 3025 (Part 34)
419	CHEMICAL- WATER	Packaged Natural Mineral Water	Nitrite(as NO ₂)	IS 13428:2005,Table 2,Clause 6.2,S.No ii,IS 3025 (Part 34)
420	CHEMICAL- WATER	Packaged Natural Mineral Water	Odour	IS 13428:2005,Table 1,Clause 6.2,S.No ii,IS 3025 (Part 5)
421	CHEMICAL- WATER	Packaged Natural Mineral Water	pH	IS 13428:2005,Table 1,Clause 6.2,S.No vi,IS 3025 (Part 11)



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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
422	CHEMICAL- WATER	Packaged Natural Mineral Water	Phenolic Compound (as C6H5OH)	IS 13428:2005,Table 2,Clause 6.2,S.No xx,IS 3025 (Part 43/Sec 1)
423	CHEMICAL- WATER	Packaged Natural Mineral Water	Sodium (as Na)	IS 13428:2005,Table 2,Clause 6.2,S.No xvi,IS 3025 (Part 45)
424	CHEMICAL- WATER	Packaged Natural Mineral Water	Sulphate(as SO4)	IS 13428:2005,Table 2,Clause 6.2,S.No xiii,IS 3025 (Part 24/Sec 1)
425	CHEMICAL- WATER	Packaged Natural Mineral Water	Sulphide (as H2S)	IS 13428:2005,Table 2,Clause 6.2,S.No iii,IS 3025 (Part 29)
426	CHEMICAL- WATER	Packaged Natural Mineral Water	Taste	IS 13428:2005,Table 1,Clause 6.2,S.No iii,IS 3025 (Part 8)
427	CHEMICAL- WATER	Packaged Natural Mineral Water	Total Dissolved Solids	IS 13428:2005,Table 1,Clause 6.2,S.No v,IS 3025 (Part 16)
428	CHEMICAL- WATER	Packaged Natural Mineral Water	Turbidity	IS 13428:2005,Table 1,Clause 6.2,S.No iv,IS 3025 (Part 10)
429	CHEMICAL- WATER	Packaged Natural Mineral Water	Zinc(as Zn)	IS 3025 (Part 49)
430	ELECTRICAL- CABLES & WIRES	Cross linked Polyethylene insulated thermoplastic sheathed cables for working voltages up to & including 1100 volts	Physical test for sheath - Heat shock test	IS 7098 (Pt.1) : 1988,Cl.15.1d vi,IS 10810 (Pt.14)
431	ELECTRICAL- CABLES & WIRES	Cross linked Polyethylene insulated thermoplastic sheathed cables for working voltages up to & including 1100 volts	Physical test for sheath-Ageing in air oven	IS 7098 (Pt.1) : 1988,Cl.15.1e ii) ,IS 10810 (Pt.11)
432	ELECTRICAL- CABLES & WIRES	Cross linked Polyethylene insulated thermoplastic sheathed cables for working voltages up to & including 1100 volts	Physical test for sheath-Loss of mass in air oven	IS 7098 (Pt.1) : 1988,Cl.15.1e iii) ,IS 10810 (Pt.10)
433	ELECTRICAL- CABLES & WIRES	Cross linked Polyethylene insulated thermoplastic sheathed cables for working voltages up to & including 1100 volts	Test on Conductor - Tensile test (For Aluminum)	IS 7098 (Pt.1) : 1988,Cl.15.1a ii, IS 10810 (Pt.2)
434	ELECTRICAL- CABLES & WIRES	Cross linked Polyethylene insulated thermoplastic sheathed cables for working voltages up to & including 1100 volts	Test on Conductor - Test for Thickness of insulation	IS 7098 (Pt.1) : 1988,Test Cl.15.1c), IS 10810 (Pt.6)
435	ELECTRICAL- CABLES & WIRES	Cross linked Polyethylene insulated thermoplastic sheathed cables for working voltages up to & including 1100 volts	Test on Conductor - Test for Thickness of sheath	IS 7098 (Pt.1) : 1988,Cl.15.1c) , IS 10810 (Pt.6)
436	ELECTRICAL- CABLES & WIRES	Cross linked Polyethylene insulated thermoplastic sheathed cables for working voltages upto & including 1100 volts	Physical test for sheath - Shrinkage test	IS 7098 (Pt.1) : 1988,Cl.15.1e iv, IS 10810 (Pt.12)
437	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric Cables for working voltage up to & Including 1100V	Physical test for insulation and sheath - Insulation resistance @ 500 V room temperature and elevated temperature	IS 1554 (Pt-1) : 1988 ,Cl.15.1e , IS 10810 (Pt.43)
438	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric Cables for working voltage up to & Including 1100V	Physical test for insulation and sheath - Tensile strength and elongation at break	IS 1554 (Pt-1) : 1988, Cl.15.1d 1) , IS 10810 (Pt.7)