



#### NABI

#### 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: 31/0

31/03/2025

Valid Until: 30/03/2029

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 thislaboratory, you may also visit NABL website www.nabl-india.org)

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

Signed for and on behalf of NABL



Anuja Anand Director

N. Venkateswaran Chief Executive Officer





### SCOPE OF ACCREDITATION

**Laboratory Name:** 

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84 AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,

INDIA

**Accreditation Standard** 

ISO/IEC 17025:2017

**Certificate Number** 

TC-5324

Page No

3 of 126

**Validity** 

31/03/2025 to 30/03/2029

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
54	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Staphylococcus aureus	IS 5887 (Part 2)
55	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Sulphite Reducing Anaerobes	IS 13428 (ANNEX - C)
56	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Total Coliforms	IS 15185
57	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Vibrio Cholerae	IS 5887 (Part 5) Sec 1
58	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Vibrio Parahaemolyticus	IS 5887 (Part 5) Sec 1
59	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Yeast & Mould	IS 16069 (Part 1)
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 548(Part -1/Sec 2)
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)





#### SCOPE OF ACCREDITATION

**Laboratory Name:** 

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84 AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,

**INDIA** 

**Accreditation Standard** 

ISO/IEC 17025:2017

**Certificate Number** 

TC-5324

Page No

4 of 126

**Validity** 

10 332 1

31/03/2025 to 30/03/2029

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
73	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Bellier turbidity temperature	FSSAI 02.012
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)
77	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	lodine 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 02.043
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 548 (part-1/Sec 2)





#### SCOPE OF ACCREDITATION

**Laboratory Name:** 

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84 AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,

**INDIA** 

**Accreditation Standard** 

ISO/IEC 17025:2017

**Certificate Number** 

TC-5324

Page No

5 of 126

**Validity** 

31/03/2025 to 30/03/2029

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
87	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut oil	Argemone oil	IS 15642 (part-1&2)
88	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Bellier turbidity temperature	FSSAI 02.012
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 1448 (part 21)
91	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Insoluble Impurities	IS 548 (part-1/Sec 2)
92	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	lodine value(Wijs)	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 548 (part-1/Sec 2)
95	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Rancidity	FSSAI 02.043
96	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Refractive index at 40 Deg C	IS 548 (part-1/Sec 2)
97	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Saponification value	IS 548 (Part-1/Sec 2)
98	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Specific gravity 30 Deg C/30 Deg C	IS 548 (part-1/Sec 2)
99	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Unsaponifiable matter	IS 548 (part-1/Sec 2)
100	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Acid Value	IS 548(Part-1/Sec 2)





#### SCOPE OF ACCREDITATION

**Laboratory Name:** 

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84 AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,

**INDIA** 

**Accreditation Standard** 

ISO/IEC 17025:2017

**Certificate Number** 

TC-5324

Page No

6 of 126

**Validity** 

31/03/2025 to 30/03/2029

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
101	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Argemone Oil	IS 15642 (Part-1&2)
102	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Bellier Turbidity Temperature	FSSAI 02.012
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 1448 (Part 21),
105	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Insoluble Impurities	IS 548(Part-1&Sec 2)
106	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	lodine Value(Wijs)	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 548(Part-1/Sec 2)
109	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Rancidity	FSSAI 02.043
110	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Refractive Index at 40 Deg C	IS 548(Part-1/Sec 2)
111	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Saponification Value	IS 548(Part-1/Sec 2)
112	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Unsaponifiable Matter	IS 548(Part-1&Sec 2)
113	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein Oil	Acid value	IS 548(Part -1/Sec 2)
114	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein Oil	Argemone Oil	IS 15642(Part-1&2)





#### SCOPE OF ACCREDITATION

**Laboratory Name:** 

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84 AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,

**INDIA** 

**Accreditation Standard** 

ISO/IEC 17025:2017

**Certificate Number** 

TC-5324

Page No

7 of 126

Validity

31/03/2025 to 30/03/2029

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
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 1448(Part 21)
117	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein Oil	Insoluble Impurities	IS 548(Part -1/Sec 2)
118	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein Oil	lodine value(Wijs)	IS 548(Part -1/Sec 2)
119	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein Oil	Mineral Oil	IS 15642(Part-1&2)
120	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein Oil	Moisture	IS 548(Part -1/Sec 2)
121	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein Oil	Rancidity	FSSAI 02.043
122	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein Oil	Refractive Index at 40 Deg C	IS 548(Part -1/Sec 2)
123	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein Oil	Saponification value	IS 548(Part -1/Sec 2)
124	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein Oil	Unsaponifiable matter	IS 548(Part -1/Sec 2)
125	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice bran Oil	Acid Value	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 1448(Part 21)





#### SCOPE OF ACCREDITATION

**Laboratory Name:** 

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84 AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,

**INDIA** 

**Accreditation Standard** 

ISO/IEC 17025:2017

**Certificate Number** 

TC-5324

Page No

8 of 126

Validity

31/03/2025 to 30/03/2029

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
129	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice bran Oil	Insoluble Impurities	IS 548(Part-1/Sec 2)
130	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice bran Oil	lodine Value(Wijs)	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 548(Part-1&Sec 2)
133	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice bran Oil	Rancidity	FSSAI 02.043
134	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice bran Oil	Refractive Index at 40 Deg C	IS 548(Part 1&Sec 2)
135	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice bran Oil	Saponification value	IS 548 (Part-1 & Sec 2)
136	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice bran Oil	Specific Gravity at 30 Deg C/30 Deg C	IS 548(Part-1/Sec 2)
137	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice bran Oil	Unsaponifiable Matter	IS 548(Part-1/Sec 2)
138	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame Oil	Acid value	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	FSSAI 02.012
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 1448(Part 21)





#### SCOPE OF ACCREDITATION

**Laboratory Name:** 

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84 AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,

**INDIA** 

**Accreditation Standard** 

ISO/IEC 17025:2017

**Certificate Number** 

TC-5324

Page No

9 of 126

**Validity** 

31/03/2025 to 30/03/2029

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
143	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame Oil	Insoluble Impurities	IS 548(Part -1/Sec 2)
144	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame Oil	lodine Value(Wijs)	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 548(Part -1/Sec 2)
147	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame Oil	Rancidity	FSSAI 02.043
148	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame Oil	Refractive Index at 40 Deg C	IS 548(Part -1/Sec 2)
149	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame Oil	Saponification value	IS 548(Part -1/Sec 2)
150	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame Oil	Specific Gravity at 30 Deg C/30 Deg C	IS 548(Part -1/Sec 2)
151	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame Oil	Unsaponifiable Matter	IS 548(Part -1/Sec 2)
152	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Soybean Oil	Acid Value	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 1448(Part 21)
156	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Soybean Oil	Insoluble Impurities	IS 548(Part-1/Sec 2)





#### SCOPE OF ACCREDITATION

**Laboratory Name:** 

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84 AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,

**INDIA** 

**Accreditation Standard** 

ISO/IEC 17025:2017

**Certificate Number** 

TC-5324

Page No

10 of 126

**Validity** 

31/03/2025 to 30/03/2029

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
157	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Soybean Oil	lodine Value(Wijs)	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 548(Part-1/Sec 2)
160	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Soybean Oil	Rancidity	FSSAI 02.043
161	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Soybean Oil	Refractive Index at 40 Deg C	IS 548(Part-1/Sec 2)
162	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Soybean Oil	Saponification Value	IS 548(Part-1/Sec 2)
163	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Soybean Oil	Unsaponifiable Matter	IS 548(Part-1/Sec 2)
164	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Acid Value	IS 548(Part-1/Sec 2)
165	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Argemone Oil	IS 15642(Part-1&2)
166	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Castor Oil	IS 15642(Part-1&2)
167	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Flash Point-Pensky Mortens(Closed)	IS 1448(Part 21)
168	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Insoluble Impurities	IS 548(Part-1/Sec 2)
169	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	lodine Value	IS 548(Part-1/Sec 2)
170	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Mineral Oil	IS 15642(Part-1&2)





#### SCOPE OF ACCREDITATION

**Laboratory Name:** 

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84 AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,

**INDIA** 

**Accreditation Standard** 

ISO/IEC 17025:2017

**Certificate Number** 

TC-5324

Page No

11 of 126

**Validity** 

31/03/2025 to 30/03/2029

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
171	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Moisture	IS 548(Part-1/Sec 2)
172	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Rancidity	FSSAI 02.043
173	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Refractive Index at 40 Deg C	IS 548(Part-1/Sec 2)
174	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Saponification Value	IS 548(Part-1/Sec 2)
175	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Unsaponifiable Matter	IS 548(Part-1/Sec 2)
176	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Carbon	OES & IS 8811
177	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Chromium	OES & IS 8811
178	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Cobalt	OES & IS 8811
179	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Copper	OES & IS 8811
180	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Manganese	OES & IS 8811
181	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Molybdenum	OES & IS 8811
182	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Nickel	OES & IS 8811
183	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Phosphorous	OES & IS 8811
184	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Silicon	OES & IS 8811
185	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Sulphur	OES & IS 8811
186	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steels	Titanium	OES & IS 8811
187	CHEMICAL- METALS & ALLOYS	Cast Aluminium and its alloys-Ingots and Castings for general engineering purposes (IS 617:2024)	Aluminium	OES & ASTM E 1251
188	CHEMICAL- METALS & ALLOYS	Cast Aluminium and its alloys-Ingots and Castings for general engineering purposes (IS 617:2024)	Chromium	OES & ASTM E 1251





#### SCOPE OF ACCREDITATION

**Laboratory Name:** 

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84 AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,

INDIA

**Accreditation Standard** 

ISO/IEC 17025:2017

**Certificate Number** 

TC-5324

Page No

24 of 126

**Validity** 

31/03/2025 to 30/03/2029

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
429	CHEMICAL- METALS & ALLOYS	Wrought and cast aluminium utensils (IS 1660:2024)	Chromium	IS 9879
430	CHEMICAL- METALS & ALLOYS	Wrought and cast aluminium utensils (IS 1660:2024)	Copper	IS 9879
431	CHEMICAL- METALS & ALLOYS	Wrought and cast aluminium utensils (IS 1660:2024)	Manganese	IS 9879
432	CHEMICAL- METALS & ALLOYS	Wrought and cast aluminium utensils (IS 1660:2024)	Molybdenum	IS 9879
433	CHEMICAL- METALS & ALLOYS	Wrought and cast aluminium utensils (IS 1660:2024)	Nickel	IS 9879
434	CHEMICAL- METALS & ALLOYS	Wrought and cast aluminium utensils (IS 1660:2024)	Phosphorous	IS 9879
435	CHEMICAL- METALS & ALLOYS	Wrought and cast aluminium utensils (IS 1660:2024)	Silicon	IS 9879
436	CHEMICAL- METALS & ALLOYS	Wrought and cast aluminium utensils (IS 1660:2024)	Sulphur	IS 9879
437	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Black Tea	Copper	IS 11123
438	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Black Tea	Dicofol	AOAC Method 2007.01,19th edition
439	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Black Tea	Ethion	AOAC Method 2007.01,19th edition
440	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Cyanide(as CN)	IS 3025(Part 27/Sec1) Method B.
441	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Anthracene	APHA 6440 ,24th Edition
442	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Benzo (a) Pyrene	APHA 6440 ,24th Edition
443	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Chrysene	APHA 6440 ,24th Edition
444	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Dibenze (a,h) Anthracene	APHA 6440 ,24th Edition
445	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Fluoranthene	APHA 6440 ,24th Edition
446	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Naphthalene	APHA 6440 ,24th Edition
447	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Phenanthrene	APHA 6440 ,24th Edition
448	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Pyrene	APHA 6440 ,24th Edition





#### SCOPE OF ACCREDITATION

**Laboratory Name:** 

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84 AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,

INDIA

**Accreditation Standard** 

ISO/IEC 17025:2017

**Certificate Number** 

TC-5324

Page No

25 of 126

Validity

31/03/2025 to 30/03/2029

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
449	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
450	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
451	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
452	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
453	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
454	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
455	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
456	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
457	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
458	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
459	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
460	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
461	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
462	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Acenaphthene	APHA 6440 ,24th Edition
463	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Acenaphthylene	APHA 6440 ,24th Edition
464	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
465	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
466	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
467	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
468	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Aluminium(as Al)	IS 15302





#### SCOPE OF ACCREDITATION

**Laboratory Name:** 

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84 AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,

INDIA

**Accreditation Standard** 

ISO/IEC 17025:2017

**Certificate Number** 

TC-5324

Page No

26 of 126

Validity

31/03/2025 to 30/03/2029

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
469	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Aluminium(as Al)	IS 3025(Part 55) Method A.
470	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Antimony (as Sb)	IS 15303
471	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) Method A
472	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
473	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Benzo (a) Anthracene	APHA 6440 ,24th Edition
474	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Benzo (b) Fluoranthene	APHA 6440 ,24th Edition
475	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 ,24th Edition
476	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Benzo (k) Fluoranthene	APHA 6440 ,24th Edition
477	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
478	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
479	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
480	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) Method A
481	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
482	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Copper (as Cu)	IS 3025 (Part 42) Method C
483	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
484	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
485	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
486	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Ethion	USEPA 1657A -Revision A,Sep
487	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Fluorene	APHA 6440 ,24th Edition
488	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 ,24th Edition





### SCOPE OF ACCREDITATION

**Laboratory Name:** 

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84 AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,

INDIA

**Accreditation Standard** 

ISO/IEC 17025:2017

**Certificate Number** 

TC-5324

Page No

27 of 126

**Validity** 

31/03/2025 to 30/03/2029

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
489	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Iron (as Fe)	IS 15303
490	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Iron (as Fe)	IS 3025 (Part 53) Method B
491	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
492	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) Method A
493	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Lindane	USEPA 508,Revision 3.1
494	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
495	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
496	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) Method A
497	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
498	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
499	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
500	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
501	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
502	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
503	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
504	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Polyaromatic Hydrocarbon	APHA 6440,24th Edition
505	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Selenium(as Se)	IS 15303
506	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Selenium(as Se)	IS 3025(Part 56) Method B
507	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Silver (as Ag)	Annex K of IS 13428
508	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water	Zinc (as Zn)	IS 3025 (Part 49) Method A





#### SCOPE OF ACCREDITATION

**Laboratory Name:** 

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84 AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,

INDIA

**Accreditation Standard** 

ISO/IEC 17025:2017

**Certificate Number** 

TC-5324

**Page No** 28 of 126

Validity

31/03/2025 to 30/03/2029

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
509	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
510	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 K of IS 13428
511	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water/Drinking Water/Bore well Water	Poly Chlorinated Biphenyl(PCB)	Annex M of IS 13428
512	CHEMICAL- WATER	Bore Well Water	Colour	IS 3025 (Part 4) Method a
513	CHEMICAL- WATER	Bore Well Water	Alkalinity(as HCO3)	IS 3025(Part 23) Method Indicator
514	CHEMICAL- WATER	Bore Well Water	Ammonia(as NH3-N)	IS 3025(Part 34/Sec1) Method a
515	CHEMICAL- WATER	Bore Well Water	Anionic surface active agents (as MBAS)	IS 3025 (Part 68)
516	CHEMICAL- WATER	Bore Well Water	Barium (as Ba)	Annex G of IS 13428
517	CHEMICAL- WATER	Bore Well Water	Borates(as B)	Annex J of IS 13428
518	CHEMICAL- WATER	Bore Well Water	Calcium(as Ca)	IS 3025 (Part 40) Method a
519	CHEMICAL- WATER	Bore Well Water	Chloride (as Cl)	IS 3025 (Part 32) Method a
520	CHEMICAL- WATER	Bore Well Water	Conductivity	IS 3025(Part 14)
521	CHEMICAL- WATER	Bore Well Water	Fluoride(as F)	IS 3025 (Part 60/Sec1) Method b
522	CHEMICAL- WATER	Bore Well Water	Free Residual chlorine	IS 3025 (Part 26) Method c
523	CHEMICAL- WATER	Bore Well Water	Magnesium(as Mg)	IS 3025 (Part 46) Method a
524	CHEMICAL- WATER	Bore Well Water	Manganese(as Mn)	IS 3025 (Part 59) Method a
525	CHEMICAL- WATER	Bore Well Water	Mineral Oil	IS 3025 (Part 39) Method b
526	CHEMICAL- WATER	Bore Well Water	Nitrate(NO3)	IS 3025 (Part 34/Sec1) Method b
527	CHEMICAL- WATER	Bore Well Water	Nitrite(NO2)	IS 3025(Part 34/Sec1)
528	CHEMICAL- WATER	Bore Well Water	Odour	IS 3025 (Part 5)
529	CHEMICAL- WATER	Bore Well Water	рН	IS 3025 (Part 11)
530	CHEMICAL- WATER	Bore Well Water	Phenolic compounds(as C6H5OH)	IS 3025 (Part 43/Sec1) Method b
531	CHEMICAL- WATER	Bore Well Water	Potassium(as K)	IS 3025 (Part 45) Method b
532	CHEMICAL- WATER	Bore well water	Silica(as Sio2)	IS 3025 (Part 35) Method b
533	CHEMICAL- WATER	Bore Well Water	Sodium(as Na)	IS 3025 (Part 45) Method b





### SCOPE OF ACCREDITATION

**Laboratory Name:** 

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84 AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,

INDIA

**Accreditation Standard** 

ISO/IEC 17025:2017

**Certificate Number** 

TC-5324

Page No

29 of 126

**Validity** 

31/03/2025 to 30/03/2029

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
534	CHEMICAL- WATER	Bore Well Water	Sulphate(as SO4)	IS 3025 (Part 24/Sec 1) Method b
535	CHEMICAL- WATER	Bore Well Water	Sulphide(H2S)	IS 3025(Part 29)
536	CHEMICAL- WATER	Bore Well Water	Taste	IS 3025 (Part 8)
537	CHEMICAL- WATER	Bore Well Water	Total Dissolved Solids	IS 3025(Part 16)
538	CHEMICAL- WATER	Bore Well Water	Total Hardness(as CaCo3)	IS 3025(Part 21) Method a
539	CHEMICAL- WATER	Bore Well Water	Total Kjeldahl Nitrogen	IS 3025(Part 34/Sec1)
540	CHEMICAL- WATER	Bore Well Water	Total Solids	IS 3025 (Part 15)
541	CHEMICAL- WATER	Bore Well Water	Total Suspended Solids	IS 3025 (Part 17)
542	CHEMICAL- WATER	Bore Well Water	Turbidity	IS 3025 (Part 10)
543	CHEMICAL- WATER	Drinking Water	Alkalinity (as HCO3)	IS:3025(Part 23)
544	CHEMICAL- WATER	Drinking Water	Ammonia(as NH3-N)	IS 3025 (Part-34/Sec1) Method A
545	CHEMICAL- WATER	Drinking Water	Anionic surface active agent(as MBAS)	IS 3025 (Part 68)
546	CHEMICAL- WATER	Drinking Water	Barium (as Ba)	Annex G of IS 13428
547	CHEMICAL- WATER	Drinking Water	Borate(as B)	Annex J of IS 13428
548	CHEMICAL- WATER	Drinking Water	Calcium(as Ca)	IS:3025 (Part 40)
549	CHEMICAL- WATER	Drinking Water	Chloride(as Cl)	IS 3025 (Part 32) Method A.
550	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part 4) Method A
551	CHEMICAL- WATER	Drinking Water	Fluoride(as F)	IS 3025 (Part 60/Sec1) Method B
552	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine	IS 3025 (Part 26) Method C
553	CHEMICAL- WATER	Drinking Water	Magnesium(as Mg)	IS 3025 (Part 46) Method A
554	CHEMICAL- WATER	Drinking Water	Manganese (as Mn)	IS 3025 (Part 59) Method A
555	CHEMICAL- WATER	Drinking Water	Mineral Oil	IS 3025 (Part 39) Method B
556	CHEMICAL- WATER	Drinking Water	Nitrate(as NO3)	IS 3025 (Part 34/Sec1) Method B
557	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
558	CHEMICAL- WATER	Drinking Water	рН	IS 3025 (Part 11)
559	CHEMICAL- WATER	Drinking Water	Phenolic Compound(as C6H5OH)	IS 3025 (Part 43/Sec 1) Method B
560	CHEMICAL- WATER	Drinking Water	Sulphate (as SO4)	IS 3025 (Part 24/Sec 1) Method B
561	CHEMICAL- WATER	Drinking Water	Sulphide(as H2S)	IS 3025 (Part 29)





### SCOPE OF ACCREDITATION

**Laboratory Name:** 

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84 AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,

**INDIA** 

**Accreditation Standard** 

ISO/IEC 17025:2017

**Certificate Number** 

TC-5324

Page No

30 of 126

**Validity** 

31/03/2025 to 30/03/2029

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
562	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (Part 8)
563	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part 16)
564	CHEMICAL- WATER	Drinking Water	Total Hardness (as CaCo3)	IS 3025 (Part 21) Method A
565	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
566	CHEMICAL- WATER	Packaged Drinking Water	Alkalinity (as HCO3)	IS 3025 (Part 23) Method Indicator
567	CHEMICAL- WATER	Packaged Drinking Water	Anionic surface active agent (as MBAS)	IS 3025 (Part 68)
568	CHEMICAL- WATER	Packaged Drinking Water	Barium	Annex G of IS 13428
569	CHEMICAL- WATER	Packaged Drinking Water	Borates (as B)	Annex J of IS 13428
570	CHEMICAL- WATER	Packaged Drinking Water	Bromate	IS 3025(Part 67)
571	CHEMICAL- WATER	Packaged Drinking Water	Bromate (as Bro3)	ISO 15061
572	CHEMICAL- WATER	Packaged Drinking Water	Calcium (as Ca)	IS 3025 (Part 40) Method a
573	CHEMICAL- WATER	Packaged Drinking Water	Chloride (as Cl) Method a	IS 3025 (Part 32)
574	CHEMICAL- WATER	Packaged Drinking Water	Colour	IS 3025 (Part 4) Method a
575	CHEMICAL- WATER	Packaged Drinking Water	Fluoride(as F)	IS 3025 (Part 60/Sec1) Method b
576	CHEMICAL- WATER	Packaged Drinking Water	Magnesium (as Mg)	IS 3025 (Part 46) Method a
577	CHEMICAL- WATER	Packaged Drinking Water	Manganese (as Mn)	IS 3025 (Part 59) Method a
578	CHEMICAL- WATER	Packaged Drinking Water	Mineral Oil	IS 3025 (Part 39) Method a
579	CHEMICAL- WATER	Packaged Drinking Water	Nitrate (as NO3)	IS 3025 (Part 75) Method b
580	CHEMICAL- WATER	Packaged Drinking Water	Nitrate(NO3)	IS 3025 (Part 34/Sec1) Method b
581	CHEMICAL- WATER	Packaged Drinking Water	Nitrite(as NO2)	IS 3024 (Part 34/Sec1)
582	CHEMICAL- WATER	Packaged Drinking Water	Odour	IS 3025(Part-5)
583	CHEMICAL- WATER	Packaged Drinking Water	рН	IS:3025 (Part-11)
584	CHEMICAL- WATER	Packaged Drinking Water	Phenolic Compound (as C6H5OH)	IS 3025 (Part 43/Sec 1) Method b
585	CHEMICAL- WATER	Packaged Drinking Water	Residual Free Chlorine	IS 3025 (Part 26) Method c
586	CHEMICAL- WATER	Packaged Drinking Water	Sodium (as Na)	IS 3025 (Part 45) Method b
587	CHEMICAL- WATER	Packaged Drinking Water	Sulphate (as SO4)	IS 3025 (Part 24/Sec 1) Method b
588	CHEMICAL- WATER	Packaged Drinking Water	Sulphide (as H2S)	IS 3025 (Part 29)
589	CHEMICAL- WATER	Packaged Drinking Water	Taste	IS:3025(Part-8)
590	CHEMICAL- WATER	Packaged Drinking Water	Total dissolved solids	IS:3025 (Part-16)





### SCOPE OF ACCREDITATION

**Laboratory Name:** 

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84 AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,

**INDIA** 

**Accreditation Standard** 

ISO/IEC 17025:2017

**Certificate Number** 

TC-5324

Page No

31 of 126

**Validity** 

31/03/2025 to 30/03/2029

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
591	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	IS 3025 (Part 10)
592	CHEMICAL- WATER	Packaged Natural Mineral Water	Alkalinity(as HCO3)	IS 3025 (Part 23) Method Indicator
593	CHEMICAL- WATER	Packaged Natural Mineral Water	Anionic surface active agent (as MBAS)	IS 3025 (Part 68)
594	CHEMICAL- WATER	Packaged Natural Mineral Water	Barium(as Ba)	Annex G of IS 13428
595	CHEMICAL- WATER	Packaged Natural Mineral Water	Borate (as B)	Annex J of IS 13428
596	CHEMICAL- WATER	Packaged Natural Mineral Water	Calcium (as Ca)	IS 3025 (Part 40) Method a
597	CHEMICAL- WATER	Packaged Natural Mineral Water	Chloride(as Cl)	IS 3025 (Part 32) Method a
598	CHEMICAL- WATER	Packaged Natural Mineral Water	Colour	IS 3025 (Part 4) Method a
599	CHEMICAL- WATER	Packaged Natural Mineral Water	Fluoride(as F)	IS 3025 (Part 60/Sec1) Method b
600	CHEMICAL- WATER	Packaged Natural Mineral Water	Magnesium (as Mg)	IS 3025 (Part 46) Method a
601	CHEMICAL- WATER	Packaged Natural Mineral Water	Manganese(as Mn)	IS 3025 (Part 59) Method a
602	CHEMICAL- WATER	Packaged Natural Mineral Water	Mineral oil	IS 3025 (Part 39) Method b
603	CHEMICAL- WATER	Packaged Natural Mineral Water	Nitrate(as NO3)	IS 3025 (Part 34/Sec1)
604	CHEMICAL- WATER	Packaged Natural Mineral Water	Nitrite(as NO2)	IS 3025 (Part 34/Sec1)
605	CHEMICAL- WATER	Packaged Natural Mineral Water	Odour	IS 3025 (Part 5)
606	CHEMICAL- WATER	Packaged Natural Mineral Water	рН	IS 3025 (Part 11)
607	CHEMICAL- WATER	Packaged Natural Mineral Water	Phenolic Compound (as C6H5OH)	IS 3025 (Part 43/Sec 1) Method b
608	CHEMICAL- WATER	Packaged Natural Mineral Water	Sodium (as Na)	IS 3025 (Part 45) Method b
609	CHEMICAL- WATER	Packaged Natural Mineral Water	Sulphate(as SO4)	IS 3025 (Part 24/Sec 1) Method b
610	CHEMICAL- WATER	Packaged Natural Mineral Water	Sulphide (as H2S)	IS 3025 (Part 29)
611	CHEMICAL- WATER	Packaged Natural Mineral Water	Taste	IS 3025 (Part 8)
612	CHEMICAL- WATER	Packaged Natural Mineral Water	Total Dissolved Solids	IS 3025 (Part 16)
613	CHEMICAL- WATER	Packaged Natural Mineral Water	Turbidity	IS 3025 (Part 10)
614	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)
615	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)
616	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)
617	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)