National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	NICHROME TESTING LABORATORY AND RESEARCH PRIVATE LIMITED, NO. 170, 2ND MAIN, JUDGES BUNGALOW ROAD, NARAYANPUR, DHARWAD, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6990	**Page No**	1 of 19
Validity	24/02/2023 to 23/02/2025	**Last Amended on**	19/04/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air monitoring of Indoor air by plate exposure method (Classified & Non classified areas)	Total plate count	APHA 5TH edition,Chapter 18
2	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air monitoring of Indoor air by plate exposure method (Classified & Non classified areas)	Yeast & Mold Count	APHA 5th Edition Chapter 21
3	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface Monitoring (Estimation of bio burden of surfaces and equipment by swabs)	Shigella	APHA 5th Edition Chapter 37
4	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface Monitoring (Estimation of bio burden of surfaces,Personnel and equipment by swabs)	Salmonella	APHA 5th Edition chapter 36
5	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface Monitoring (Estimation of bioburden of surfaces and equipment by swabs	Listeria monocytogenes	APHA 5th edition chapter 35
6	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface Monitoring (Estimation of Bioburden of surfaces,Personnel and equipment by swabs)	Aerobic microbial counts	APHA 5th Edition Chapter 8
7	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface Monitoring (Estmation of Bioburden of surfaces and equipment by swabs)	Yeast and molds	APHA 5th edition chapter 21
8	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface Monitoring (Estmation of Bioburden of surfaces,Personnel and equipment by swabs)	Coliforms	APHA 5th Edition Chapter 9
9	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface Monitoring (Estmation of Bioburden of surfaces,Personnel and equipment by swabs)	Enterobacteriaceae	APHA 5th edition chapter 9
10	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface Monitoring (Estmation of Bioburden of surfaces,Personnel and equipment by swabs)	Escherichia coli	APHA 5th edition chapter 9
11	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface Monitoring (Estmation of Bioburden of surfaces,Personnel and equipment by swabs)	Staphylococcus aureus	APHA 5th edition chapter 39
12	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste water/ Sewage	Escherichia coli	IS 1622
13	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water/ Sewage	Fecal coliforms	IS 1622

SCOPE OF ACCREDITATION

Laboratory Name : NICHROME TESTING LABORATORY AND RESEARCH PRIVATE LIMITED, NO. 170, 2ND MAIN, JUDGES BUNGALOW ROAD, NARAYANPUR, DHARWAD, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6990 **Page No** 2 of 19

Validity 24/02/2023 to 23/02/2025 **Last Amended on** 19/04/2023

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
14	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste water/ Sewage	Total coliforms	IS 1622
15	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste water/Sewage	Fecal streptococci	IS 1622
16	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat foods	Coliforms	FDA/BAM chapter 4
17	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat foods	Yeast and molds	FDA/BAM Chapter 18
18	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat food	Aerobic microbial counts	FDA/BAM Chapter 3
19	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat food	Fecal coliforms	FDA BAM Chapter 4
20	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat food	Listeria monocytogenes	FDA/BAM Chapter 10
21	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat food	Salmonella spp.	FDA/BAM Chapter 5
22	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat food	Shigella spp.	FDA/BAM Chapter 6
23	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat food	Staphylococcus aureus	FDA/BAM Chapter 12
24	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat foods	Escherichia coli	FDA/BAM Chapter 4
25	BIOLOGICAL- WATER	Potable Water/Surface Water/Industrial Water/Coolant water/Ground water/Process water/RO water/Well Water	Aerobic microbial counts	IS 1622
26	BIOLOGICAL- WATER	Potable Water/Surface Water/Industrial Water/Coolant water/Ground water/Process water/RO water/Well Water	Fecal coliforms	IS-1622
27	BIOLOGICAL- WATER	Potable Water/Surface Water/Industrial Water/Coolant water/Ground water/Process water/RO water/Well Water	Fecal streptococci	IS-15186
28	BIOLOGICAL- WATER	Potable Water/Surface Water/Industrial Water/Coolant water/Ground water/Process water/RO water/Well Water	Pseudomonas aureginosa	IS 13428 Annex D

SCOPE OF ACCREDITATION

Laboratory Name :	NICHROME TESTING LABORATORY AND RESEARCH PRIVATE LIMITED, NO. 170, 2ND MAIN, JUDGES BUNGALOW ROAD, NARAYANPUR, DHARWAD, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6990	**Page No**	3 of 19
Validity	24/02/2023 to 23/02/2025	**Last Amended on**	19/04/2023

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
29	BIOLOGICAL- WATER	Potable Water/Surface Water/Industrial Water/Coolant water/Ground water/Process water/RO water/Well Water	Samonella spp.	IS 15187
30	BIOLOGICAL- WATER	Potable Water/Surface Water/Industrial Water/Coolant water/Ground water/Process water/RO water/Well Water	Shigella spp	IS 5887 (Part 7)
31	BIOLOGICAL- WATER	Potable Water/Surface Water/Industrial Water/Coolant water/Ground water/Process water/RO water/Well Water	Staphylococcus aureus	IS 5887 (Part 8 & Sec 1)
32	BIOLOGICAL- WATER	Potable Water/Surface Water/Industrial Water/Coolant water/Ground water/Process water/RO water/Well Water	Yeast and molds	IS 5403
33	CHEMICAL- ANIMAL FOOD & FEEDS	Poultry and cattle feeds	Acid insoluble ash (S/S)	IS 7874 (Part 1)
34	CHEMICAL- ANIMAL FOOD & FEEDS	Poultry and cattle feeds	Crude fiber	IS 7874 (Part 1)
35	CHEMICAL- ANIMAL FOOD & FEEDS	Poultry and cattle feeds	Crude Protein	IS 7874 (Part 1)
36	CHEMICAL- ANIMAL FOOD & FEEDS	Poultry and cattle feeds	Ether extract	IS 7874 (Part 1)
37	CHEMICAL- ANIMAL FOOD & FEEDS	Poultry and cattle feeds	Moisture	IS 7874 (Part 1)
38	CHEMICAL- ANIMAL FOOD & FEEDS	Poultry and Poultry feeds	Salt (NaCl)	IS 7874 (Part 2)
39	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ammonia (Indophenol Method)	IS 5182 Part 25
40	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Carbon monoxide	IS 5182 (Part 10)
41	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxides of Nitrogen	IS 5182 (Part 6)
42	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ozone	IS 5182 (Part IX)
43	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate matter (PM2.5)	IS 5182 (Part 24)
44	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Respirable Suspended Particulate Matter (PM10), Cyclonic Flow Technique	IS 5182 (Part 23)
45	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulphur Dioxide	IS 5182 (Part 2)
46	CHEMICAL- ATMOSPHERIC POLLUTION	Light intensity level in Indoor/work zone	Illumination	IS 3646 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : NICHROME TESTING LABORATORY AND RESEARCH PRIVATE LIMITED, NO. 170, 2ND MAIN, JUDGES BUNGALOW ROAD, NARAYANPUR, DHARWAD, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6990 **Page No** 4 of 19

Validity 24/02/2023 to 23/02/2025 **Last Amended on** 19/04/2023

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
47	CHEMICAL- ATMOSPHERIC POLLUTION	Noise Level monitoring at Ambient Air	Leq	IS 9989
48	CHEMICAL- ATMOSPHERIC POLLUTION	Noise Level monitoring at work zone	Sound Pressure Level	IS 9989
49	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Acid Mist	EPA method 8.0
50	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Dioxide	NTLR/SOP/40,Issue No 1
51	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Carbon Disulphide	IS 11255 (Part 4)
52	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Carbon monoxide	NTLR/SOP/40,Issue No 1
53	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Flow Rate	IS 11255 (Part 3)
54	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Fluoride (Gaseous)	IS 11255 (Part 5)
55	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Fluoride (Particulate)	IS 11255 (Part 5)
56	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Hydrogen Sulphide	IS 11255 (Part 4)
57	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen	IS 11255 (Part 7)
58	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxygen	NTLR/SOP/40,Issue No 1
59	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate matter	IS 11255 (Part 1)
60	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur Dioxide	EPA Method 6
61	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide	IS 11255 (Part 2)
62	CHEMICAL- ATMOSPHERIC POLLUTION	Work environment and Indoor Air quality	Oxides of Nitrogen	NTLR/SOP/38,Issue No 1
63	CHEMICAL- ATMOSPHERIC POLLUTION	Work environment and Indoor Air quality	Sulphur Dioxide	NTLR/SOP/39,Issue No 1
64	CHEMICAL- ATMOSPHERIC POLLUTION	Work environment and Indoor Air quality	Suspended Particulate Matter (SPM)	NTLR/SOP/104 Issue No 01 July 10

SCOPE OF ACCREDITATION

Laboratory Name :	NICHROME TESTING LABORATORY AND RESEARCH PRIVATE LIMITED, NO. 170, 2ND MAIN, JUDGES BUNGALOW ROAD, NARAYANPUR, DHARWAD, KARNATAKA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-6990
Page No	5 of 19
Validity	24/02/2023 to 23/02/2025
Last Amended on	19/04/2023

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
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals and Cearal Products- ATTA wheat flour Maida Semolina(Suji/Rawa) Besan Pearl baeley. FOOD GRAINS Wheat Maize Jowar Bajra Rice).	Carbohydrates	IS 1656
66	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals and Cearal Products- ATTA wheat flour Maida Semolina(Suji/Rawa) Besan Pearl barley. FOOD GRAINS Wheat Maize Jowar Bajra Rice	Acid insoluble ash (on dry basis)	FSSAI Manual of Methods of Food Annalysis (cereals and cereal products)
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals and Cearal Products- ATTA wheat flour Maida Semolina(Suji/Rawa) Besan Pearl baeley FOOD GRAINS Wheat Maize Jowar Bajra Rice	Total Fat	FSSAI Manual of Methods of Food Analysis (Cereals and Cereal Products
68	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals and Cearal Products- ATTA wheat flour Maida Semolina(Suji/Rawa) Besan Pearl baeley. FOOD GRAINS Wheat Maize Jowar Bajra Rice	Crude Protein	FSSAI Manual of Methods of Food Annalysis (cereals and cereal products)
69	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals and Cearal Products- ATTA wheat flour Maida Semolina(Suji/Rawa) Besan Pearl barley. FOOD GRAINS Wheat Maize Jowar Bajra Rice	Moisture	FSSAI Manual of Methods of Food Annalysis (cereals and cereal products)
70	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals and Cearal Products- ATTA wheat flour Maida Semolina(Suji/Rawa) FOOD GRAINS Wheat	Gluten (on dry basis)	FSSAI Manual of Methods of Food Annalysis (cereals and cereal products)
71	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals and Cearal Products- ATTA wheat flour, Maida, Semolina(Suji/Rawa), Besan, Pearl barley. FOOD GRAINS Wheat Maize Jowar Bajra Rice	Alcoholic Acidity as H2SO4	FSSAI Manual of Methods of Food Annalysis (cereals and cereal products)
72	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals and Cearal Products- ATTA wheat flour Maida Semolina(Suji/Rawa) Besan Pearl barley. FOOD GRAINS Wheat Maize Jowar Bajra Rice	Total Ash (on dry basis)	FSSAI Manual of Methods of Food Annalysis (cereals and cereal products)
73	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Deoiled Meal	Acid Insoluble ash (on dry basis)	IS 7874 (Part 1)
74	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Deoiled Meal	Crude fat	IS 7874 (Part 1)
75	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Deoiled Meal	Crude Fiber	IS 7874 (Part 1)
76	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Deoiled Meal	Crude Protein	IS 7874 (Part 1)
77	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Deoiled Meal	Moisture	IS 7874 (Part 1)
78	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Deoiled Meal	Total ash (on dry basis)	IS 7874 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name :	NICHROME TESTING LABORATORY AND RESEARCH PRIVATE LIMITED, NO. 170, 2ND MAIN, JUDGES BUNGALOW ROAD, NARAYANPUR, DHARWAD, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6990	**Page No**	6 of 19
Validity	24/02/2023 to 23/02/2025	**Last Amended on**	19/04/2023

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
79	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible common salt/Iodized Salt/Double Fortified Salt	Alkalinity as (Na2CO3)	IS 7224
80	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible common salt/Iodized Salt/Double Fortified Salt	Calcium as Ca, water soluble (% by mass)	IS 253
81	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible common salt/Iodized Salt/Double Fortified Salt	Chloride as NaCl (% by mass)	IS 253
82	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible common salt/Iodized Salt/Double Fortified Salt	Iodine Content ppm	IS 7224
83	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible common salt/Iodized Salt/Double Fortified Salt	Magnesium as mg,water soluble (% by mass)	IS 253
84	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible common salt/Iodized Salt/Double Fortified Salt	Matter insoluble in dil HCL (% by mass)	IS 253
85	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible common salt/Iodized Salt/Double Fortified Salt	Matter insoluble water (% by mass)	IS 253
86	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible common salt/Iodized Salt/Double Fortified Salt	Matter Soluble in water other than NaCl (% by mass)	IS 253
87	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible common salt/Iodized Salt/Double Fortified Salt	Moisture % by mass	IS 253
88	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible common salt/Iodized Salt/Double Fortified Salt	pH (5.0% solution)	IS 253
89	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible common salt/Iodized Salt/Double Fortified Salt	Sulphates as SO4 (% by mass)	IS 253
90	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains and Pulses	Broken Grains	IS 4333 (Part 1)
91	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains and Pulses	Chalky(For Rice)	IS 4333 (Part 1)
92	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains and Pulses	Damaged grains	IS 4333 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : NICHROME TESTING LABORATORY AND RESEARCH PRIVATE LIMITED, NO. 170, 2ND MAIN, JUDGES BUNGALOW ROAD, NARAYANPUR, DHARWAD, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6990 **Page No** 7 of 19

Validity 24/02/2023 to 23/02/2025 **Last Amended on** 19/04/2023

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
93	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains and Pulses	Discolored Grains	IS 4333 (Part 1)
94	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains and pulses	Foreign Matter,(% by Mass)	IS 4333 (Part 1)
95	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains and pulses	Moisture	IS 4333 (Part 2)
96	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains and Pulses	Other edible grains or pulses	IS 4333 (Part 1)
97	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains and pulses	Shrivelled/Immature Grains	IS 4333 (Part 1)
98	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains and Pulses	Weevilled Grains (% by count)	IS 4333 (Part 1)
99	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil Cakes	Acid Insoluble ash	IS 7874 (Part 1)
100	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil cakes	Acid Value	IS 3579
101	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil cakes	Crude Fiber	IS 7874 (Part 1)
102	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil cakes	Crude Protein	IS 7874 (Part 1)
103	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil cakes	Moisture	IS 3579
104	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil Cakes	Oil content	IS 3579
105	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil cakes	Total Ash (on dry basis)	IS 7874 (Part 1)
106	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil seeds	Acid Value	IS 3579

SCOPE OF ACCREDITATION

Laboratory Name : NICHROME TESTING LABORATORY AND RESEARCH PRIVATE LIMITED, NO. 170, 2ND MAIN, JUDGES BUNGALOW ROAD, NARAYANPUR, DHARWAD, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6990 **Page No** 8 of 19

Validity 24/02/2023 to 23/02/2025 **Last Amended on** 19/04/2023

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
107	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil seeds	Moisture	IS 3579
108	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil seeds	Oil content	IS 3579
109	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat foods	Acid insoluble Ash	IS 12569
110	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat foods	Acidity of extracted fat (as oleic acid)	IS 15279
111	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat foods	Ash	IS 12569
112	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat foods	Carbohydrates	IS 1656
113	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat foods	Fat	IS 12569
114	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat foods	Moisture	IS 12569
115	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat foods	Peroxide Value	IS 15271
116	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat foods	Protein	IS 7219
117	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils (Sunflower oil/Safflower oil/Groundnut oil/Soyabean oil/Palm oil/Coconut oil)	Acid Value	IS 548 (Part 1/Sec 2)
118	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils (Sunflower oil/Safflower oil/Groundnut oil/Soyabean oil/Palm oil/Coconut oil)	Argemone oil test	FSSAI Manual of methods of analysis of foods (Oils and fats)
119	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils (Sunflower oil/Safflower oil/Groundnut oil/Soyabean oil/Palm oil/Coconut oil)	Baudouin test (Till oil)	FSSAI Manual of methods of analysis of foods (Oils and fats)
120	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils (Sunflower oil/Safflower oil/Groundnut oil/Soyabean oil/Palm oil/Coconut oil)	Caster Oil	FSSAI Manual of methods of analysis of foods (Oils and fats)

SCOPE OF ACCREDITATION

Laboratory Name :	NICHROME TESTING LABORATORY AND RESEARCH PRIVATE LIMITED, NO. 170, 2ND MAIN, JUDGES BUNGALOW ROAD, NARAYANPUR, DHARWAD, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6990	**Page No**	9 of 19
Validity	24/02/2023 to 23/02/2025	**Last Amended on**	19/04/2023

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
121	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils (Sunflower oil/Safflower oil/Groundnut oil/Soyabean oil/Palm oil/Coconut oil)	Cold Test	FSSAI Manual of methods of analysis of foods (Oils and fats)
122	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils (Sunflower oil/Safflower oil/Groundnut oil/Soyabean oil/Palm oil/Coconut oil)	Cotton seed oil test (Halphen Test)	FSSAI Manual of methods of analysis of foods (Oils and fats)
123	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils (Sunflower oil/Safflower oil/Groundnut oil/Soyabean oil/Palm oil/Coconut oil)	FFA (as oleic % by weight)	IS 548 (Part 1/Sec 2)
124	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils (Sunflower oil/Safflower oil/Groundnut oil/Soyabean oil/Palm oil/Coconut oil)	Flash point (Pensky martens closed cup method)	FSSAI Manual of methods of analysis of foods (Oils and fats)
125	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils (Sunflower oil/Safflower oil/Groundnut oil/Soyabean oil/Palm oil/Coconut oil)	Iodine value	IS 548 (Part 1/Sec 2)
126	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils (Sunflower oil/Safflower oil/Groundnut oil/Soyabean oil/Palm oil/Coconut oil)	Mineral oi test	FSSAI Manual of methods of analysis of foods (Oils and fats)
127	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils (Sunflower oil/Safflower oil/Groundnut oil/Soyabean oil/Palm oil/Coconut oil)	Moisture, % by mass	IS 548 (Part 1/Sec 2)
128	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils (Sunflower oil/Safflower oil/Groundnut oil/Soyabean oil/Palm oil/Coconut oil)	Peroxide Value	IS 548 (Part 1/Sec 2)
129	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils (Sunflower oil/Safflower oil/Groundnut oil/Soyabean oil/Palm oil/Coconut oil)	Refractive Index @ 40 °C	FSSAI Manual of methods of analysis of foods (Oils and fats)
130	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils (Sunflower oil/Safflower oil/Groundnut oil/Soyabean oil/Palm oil/Coconut oil)	Saponification Value	IS 548 (Part 1/Sec 2)
131	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oils (Sunflower oil/Safflower oil/Groundnut oil/Soyabean oil/Palm oil/Coconut oil)	Unsaponifiable matter (% by weight)	IS 548 (Part 1/Sec 2)
132	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar/Refined sugar /Raw Sugar/Khandasari/ Bura/misri/Gur	Moisture	IS 15279
133	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar/Refined sugar/ Raw Sugar/Khandasari/ Bura/misri/Gur	Total Ash	iS 1168
134	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar/Refined sugar/ Raw Sugar/Khandasari/ Bura/misri/Gur	Calcium Oxide	FSSAI Manual of Methods of Food Annalysis (Sugar and Sugar Products

SCOPE OF ACCREDITATION

Laboratory Name : NICHROME TESTING LABORATORY AND RESEARCH PRIVATE LIMITED, NO. 170, 2ND MAIN, JUDGES BUNGALOW ROAD, NARAYANPUR, DHARWAD, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6990 **Page No** 10 of 19

Validity 24/02/2023 to 23/02/2025 **Last Amended on** 19/04/2023

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
135	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar/Refined sugar/ Raw Sugar/Khandasari/ Bura/misri/Gur	Ash Insoluble in dil HCl	IS 12923
136	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar/Refined sugar/ Raw Sugar/Khandasari/ Bura/misri/Gur	Sucrose	IS 15279
137	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar/Refined sugar/ Raw Sugar/Khandasari/ Bura/misri/Gur	Sulphated ash	IS 15279
138	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar/Refined sugar/ Raw Sugar/Khandasari/ Bura/misri/Gur	Specific Conductivity	FSSAI Manual of method of analysis of foods (Sugar and sugar products)
139	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar/Refined sugar/ Raw Sugar/Khandasari/ Bura/misri/Gur	Sulphur Dioxide	IS 15279
140	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar/Refined sugar/ Raw Sugar/Khandasari/ Bura/misri/Gur	Water Insoluble matter	IS 15279
141	CHEMICAL- POLLUTION & ENVIRONMENT	Raw/Treated Effluent /Sewage Water	Bioassay	IS 6582
142	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge/Solid/Hazardous/ Contaminated Waste	Cadmium as Cd	EPA 3050B,EPA 7000B
143	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge/Solid/Hazardous/ Contaminated Waste	Chromium	EPA 3050B,EPA 7000B
144	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge/Solid/Hazardous/ Contaminated Waste	Copper as Cu	EPA 3050B, EPA 7000B
145	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge/Solid/Hazardous/ Contaminated Waste	Iron as Fe	EPA 3050B, EPA 7000B
146	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge/Solid/Hazardous/ Contaminated Waste	Lead as Pb	EPA 3050B, EPA 7000B
147	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge/Solid/Hazardous/ Contaminated Waste	Mercury as Hg	EPA 7471B
148	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge/Solid/Hazardous/ Contaminated Waste	Moisture	IS 9235
149	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge/Solid/Hazardous/ Contaminated Waste	Nickel as Ni	EPA 3050B, EPA 7000B
150	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge/Solid/Hazardous/ Contaminated Waste	pH at 25 ºC	EPA 9045D
151	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge/Solid/Hazardous/ Contaminated Waste	Zinc as Zn	EPA 3050B, EPA 7000B

SCOPE OF ACCREDITATION

Laboratory Name : NICHROME TESTING LABORATORY AND RESEARCH PRIVATE LIMITED, NO. 170, 2ND MAIN, JUDGES BUNGALOW ROAD, NARAYANPUR, DHARWAD, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6990 **Page No** 11 of 19

Validity 24/02/2023 to 23/02/2025 **Last Amended on** 19/04/2023

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
152	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge/Solid/Hazardous/ Contaminated Waste	Electrical Conductivity	NTLR/SOP/47 Issue No 1
153	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment/Solid waste	Total Soluble Solids	IS 2720 (Part 21)
154	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	% Sodium	NTLR/SOP/35 Issue No 01 September 30
155	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Ammonical Nitrogen	APHA 23rd Edition 4500 NH3 B, C
156	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Biological Oxygen Demand (BOD), 3 days, 27 ºC	IS 3025 (Part 44)
157	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Boron	IS 3025 (Part 57)
158	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand	IS 3025 (Part 58)
159	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chloride as Cl	IS 3025 (Part 32)
160	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chromium Hexavalent	APHA 23rd Edition 3500, Cr B
161	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Dissolved Phosphorous	APHA 23rd Edition 4500 P - B, D
162	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Electrical conductivity @ 25 ºC	IS 3025 (Part 14)
163	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Fixed Solids	IS 3025 (Part 18)
164	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Free Ammonia as NH3	IS 3025 (Part 34)
165	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Iron	IS 3025 (Part 53)
166	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nitrite Nitrogen	IS 3025 (Part 34)
167	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Odour	IS 3025 (Part 5)
168	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Oil & Grease	IS 3025 (Part 39)
169	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Organic Nitrogen	APHA 23rd Edition 4500 Norg B,C
170	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	pH @ 25 ºC	IS 3025 (Part 11)

SCOPE OF ACCREDITATION

Laboratory Name : NICHROME TESTING LABORATORY AND RESEARCH PRIVATE LIMITED, NO. 170, 2ND MAIN, JUDGES BUNGALOW ROAD, NARAYANPUR, DHARWAD, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6990 **Page No** 12 of 19

Validity 24/02/2023 to 23/02/2025 **Last Amended on** 19/04/2023

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- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Potassium	APHA 23rd Edition 3500 K B
172	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Reactive Silica	APHA 23rd Edition 4500 SiO2 C, D
173	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Residual Sodium Carbonate (RSC)	IS-11624
174	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Settleable Solids	APHA 23rd Edition 2540 F
175	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sludge Volume Index	APHA 23rd edition 2710 C
176	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sodium	APHA 23rd Edition 3500 Na B
177	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sodium Absorption Ratio (SAR)	IS 11624
178	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphate	IS 3025 (Part-24) - Turbidity method
179	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphite	APHA 23rd edition 4500 SO3-B
180	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Tannin and Lignin	APHA 23rd edition 5550-B
181	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Temperature	APHA 23rd edition 2550 A
182	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Dissolved Solids	IS 3025 (Part 16)
183	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Kjeldhal Nitrogen	APHA 23rd Edition 4500 Norg B
184	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Phosphorus	APHA 23rd Edition 4500-P - B,D
185	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Solids	IS 3025 (Part 15)
186	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Suspended Solids	IS 3025 (Part 17)
187	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Vanadium	APHA 23rd edition 2500- V B
188	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Volatile Solids	IS 3025 (Part 18)
189	CHEMICAL- RESIDUES IN WATER	Waste water	2,4 DDT	APHA (23rd Edition) 6630-B

SCOPE OF ACCREDITATION

Laboratory Name : NICHROME TESTING LABORATORY AND RESEARCH PRIVATE LIMITED, NO. 170, 2ND MAIN, JUDGES BUNGALOW ROAD, NARAYANPUR, DHARWAD, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6990 **Page No** 13 of 19

Validity 24/02/2023 to 23/02/2025 **Last Amended on** 19/04/2023

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
190	CHEMICAL- RESIDUES IN WATER	Waste water	4, 4 DDT	APHA (23rd Edition) 6630-B
191	CHEMICAL- RESIDUES IN WATER	Waste water	Aldrin	APHA 23rd edition 6630 B
192	CHEMICAL- RESIDUES IN WATER	Waste water	Alpha BHC	APHA 23rd edition 6630 B
193	CHEMICAL- RESIDUES IN WATER	Waste water	Alpha Endosulfan	APHA (23rd Edition) 6630-B
194	CHEMICAL- RESIDUES IN WATER	Waste water	Beta BHC	APHA 23rd edition 6630 B
195	CHEMICAL- RESIDUES IN WATER	Waste water	Beta endosulfan	APHA 23rd edition 6630 B
196	CHEMICAL- RESIDUES IN WATER	Waste water	Cadmium	IS 3025 (Part 41)
197	CHEMICAL- RESIDUES IN WATER	Waste water	Chlorpyrifos	APHA (23rd Edition) 6630-B
198	CHEMICAL- RESIDUES IN WATER	Waste water	Chromium	IS 3025 (Part 52)
199	CHEMICAL- RESIDUES IN WATER	Waste water	Copper	IS 3025 (Part 42)
200	CHEMICAL- RESIDUES IN WATER	Waste water	Gamma BHC	APHA 23rd edition 6630 B
201	CHEMICAL- RESIDUES IN WATER	Waste water	Iron	IS 3025 (Part 53)
202	CHEMICAL- RESIDUES IN WATER	Waste water	Lead	IS 3025 (Part 47)
203	CHEMICAL- RESIDUES IN WATER	Waste water	NIckel	IS 3025 (Part 54)
204	CHEMICAL- RESIDUES IN WATER	Waste water	Zinc	IS 3025 (Part 49)
205	CHEMICAL- RESIDUES IN WATER	Water	2,4 DDT	APHA (23rd Edition) 6630-B
206	CHEMICAL- RESIDUES IN WATER	Water	4,4 DDT	APHA (23rd Edition) 6630-B
207	CHEMICAL- RESIDUES IN WATER	water	Aldrin	APHA 23rd edition 6630 B
208	CHEMICAL- RESIDUES IN WATER	water	Alpha BHC	APHA 23rd edition 6630 B

SCOPE OF ACCREDITATION

Laboratory Name : NICHROME TESTING LABORATORY AND RESEARCH PRIVATE LIMITED, NO. 170, 2ND MAIN, JUDGES BUNGALOW ROAD, NARAYANPUR, DHARWAD, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6990 **Page No** 14 of 19

Validity 24/02/2023 to 23/02/2025 **Last Amended on** 19/04/2023

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
209	CHEMICAL- RESIDUES IN WATER	Water	Alpha Endosulfan	APHA (23rd Edition) 6630-B
210	CHEMICAL- RESIDUES IN WATER	water	Aluminium	APHA 3500-Al,B
211	CHEMICAL- RESIDUES IN WATER	water	Beta BHC	APHA 23rd edition 6630 B
212	CHEMICAL- RESIDUES IN WATER	water	Beta endosulfan	APHA 23rd edition 6630 B
213	CHEMICAL- RESIDUES IN WATER	water	Cadmium	IS 3025 (Part 41)
214	CHEMICAL- RESIDUES IN WATER	Water	Chlorpyrifos	APHA (23rd Edition) 6630-B
215	CHEMICAL- RESIDUES IN WATER	water	Chromium	IS 3025 (Part 52)
216	CHEMICAL- RESIDUES IN WATER	water	Copper	IS 3025 (Part 42)
217	CHEMICAL- RESIDUES IN WATER	water	Gamma BHC	APHA 23rd edition 6630 B
218	CHEMICAL- RESIDUES IN WATER	water	Iron	IS 3025 (Part 53)
219	CHEMICAL- RESIDUES IN WATER	water	Iron as Fe	IS 3025 (Part 53) Phenathroline method
220	CHEMICAL- RESIDUES IN WATER	water	Lead	IS 3025 (Part 47)
221	CHEMICAL- RESIDUES IN WATER	water	Nickel	IS 3025 (Part 54)
222	CHEMICAL- RESIDUES IN WATER	water	Selenium	APHA 23rd edition 3500-Se,C
223	CHEMICAL- RESIDUES IN WATER	water	Zinc	IS 3025 (Part 49)
224	CHEMICAL- SOIL AND ROCK	Agricultural Soil	Available Nitrogen	Methods Manual,Soil Testing in india,Dept of Agriculture and Cooperation,Ministry of Agriculture,Govt of India
225	CHEMICAL- SOIL AND ROCK	Agricultural Soil	Boron	Methods Manual,Soil Testing in india,Dept of Agriculture and Cooperation,Ministry of Agriculture,Govt of India

SCOPE OF ACCREDITATION

Laboratory Name : NICHROME TESTING LABORATORY AND RESEARCH PRIVATE LIMITED, NO. 170, 2ND MAIN, JUDGES BUNGALOW ROAD, NARAYANPUR, DHARWAD, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6990 **Page No** 15 of 19

Validity 24/02/2023 to 23/02/2025 **Last Amended on** 19/04/2023

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
226	CHEMICAL- SOIL AND ROCK	Agricultural Soil	CEC	Methods Manual,Soil Testing in india,Dept of Agriculture and Cooperation,Ministry of Agriculture,Govt of India
227	CHEMICAL- SOIL AND ROCK	Agricultural Soil	Exchangeable Calcium	Methods Manual,Soil Testing in india,Dept of Agriculture and Cooperation,Ministry of Agriculture,Govt of India
228	CHEMICAL- SOIL AND ROCK	Agricultural Soil	pH at 25 ºC	Methods Manual,Soil Testing in india,Dept of Agriculture and Cooperation,Ministry of Agriculture,Govt of India
229	CHEMICAL- SOIL AND ROCK	Agricultural soil	Sodium	Methods Manual,Soil Testing in india,Dept of Agriculture and Cooperation,Ministry of Agriculture,Govt of India
230	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Ammonia	Methods Manual,Soil Testing in india,Dept of Agriculture and Cooperation,Ministry of Agriculture,Govt of India
231	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Available Copper	Methods Manual,Soil Testing in india,Dept of Agriculture and Cooperation,Ministry of Agriculture,Govt of India
232	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Available Iron	Methods Manual,Soil Testing in india,Dept of Agriculture and Cooperation,Ministry of Agriculture,Govt of India
233	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Available Manganese	Methods Manual,Soil Testing in india,Dept of Agriculture and Cooperation,Ministry of Agriculture,Govt of India
234	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Available Phosphorus	Methods Manual,Soil Testing in india,Dept of Agriculture and Cooperation,Ministry of Agriculture,Govt of India
235	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Available Potassium	Methods Manual,Soil Testing in india,Dept of Agriculture and Cooperation,Ministry of Agriculture,Govt of India
236	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Available Sulphur	Methods Manual,Soil Testing in india,Dept of Agriculture and Cooperation,Ministry of Agriculture,Govt of India

SCOPE OF ACCREDITATION

Laboratory Name : NICHROME TESTING LABORATORY AND RESEARCH PRIVATE LIMITED, NO. 170, 2ND MAIN, JUDGES BUNGALOW ROAD, NARAYANPUR, DHARWAD, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6990 **Page No** 16 of 19

Validity 24/02/2023 to 23/02/2025 **Last Amended on** 19/04/2023

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
237	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Available Zinc	Methods Manual,Soil Testing in india,Dept of Agriculture and Cooperation,Ministry of Agriculture,Govt of India
238	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Bicarbonate	Methods of Analysis for Soils,Food and Agriculture Organisation of the united states,Rome:
239	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Calcium Carbonate	IS 2720 Part 23
240	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Carbonates	Methods of Analysis for Soils,Food and Agriculture Organisation of the united states,Rome:
241	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Chloride	Methods of Analysis for Soils,Food and Agriculture Organisation of the united states,Rome
242	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Electrical Conductivity	Methods Manual,Soil Testing in india,Dept of Agriculture and Cooperation,Ministry of Agriculture,Govt of India
243	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Exchangeable Magnesium	Methods Manual,Soil Testing in india,Dept of Agriculture and Cooperation,Ministry of Agriculture,Govt of India
244	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Moisture Content	Methods Manual,Soil Testing in india,Dept of Agriculture and Cooperation,Ministry of Agriculture,Govt of India
245	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Nitrate	Methods Manual,Soil Testing in india,Dept of Agriculture and Cooperation,Ministry of Agriculture,Govt of India
246	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Organic Carbon	Methods Manual,Soil Testing in india,Dept of Agriculture and Cooperation,Ministry of Agriculture,Govt of India
247	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Sullphate	Methods Manual,Soil Testing in india,Dept of Agriculture and Cooperation,Ministry of Agriculture,Govt of India

SCOPE OF ACCREDITATION

Laboratory Name :	NICHROME TESTING LABORATORY AND RESEARCH PRIVATE LIMITED, NO. 170, 2ND MAIN, JUDGES BUNGALOW ROAD, NARAYANPUR, DHARWAD, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6990	**Page No**	17 of 19
Validity	24/02/2023 to 23/02/2025	**Last Amended on**	19/04/2023

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
248	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Total Kjeldahl Nitrogen	Methods Manual,Soil Testing in india,Dept of Agriculture and Cooperation,Ministry of Agriculture,Govt of India
249	CHEMICAL- SOIL AND ROCK	Soil	Orthophosphorous	Methods Manual,Soil Testing in india,Dept of Agriculture and Cooperation,Ministry of Agriculture,Govt of India
250	CHEMICAL- SOIL AND ROCK	Soil	Total Potassium	Soil Analysis,Indian Society of Soil Science
251	CHEMICAL- WATER	Distilled / Demineralized Water	Electrical conductivity @ 25 ºC	IS 3025 (Part 14)
252	CHEMICAL- WATER	Distilled / Demineralized Water	pH @ 25 ºC	IS 3025 (Part 11)
253	CHEMICAL- WATER	Irrigation Water	% Na	NTLR/SOP/35 Issue No 01 September 30
254	CHEMICAL- WATER	Irrigation Water	Boron	IS 3025 (Part 57)
255	CHEMICAL- WATER	Irrigation Water	Electrical Conductivity @ 25 ºC	IS 3025 (Part 14)-(RA 2019)
256	CHEMICAL- WATER	Irrigation Water	pH @ 25 ºC	IS 3025 (Part 11)
257	CHEMICAL- WATER	Irrigation Water	Residual Sodium Carbonate	IS 11624
258	CHEMICAL- WATER	Irrigation Water	Sodium Adsorption Ratio	IS 11624
259	CHEMICAL- WATER	Potable Water/ Industrial Water/ Coolant Water/ Bore Water/ Ground Water/ RO Water/Surface water/well water	Boron	IS 3025 (Part 57)
260	CHEMICAL- WATER	Potable Water/ Industrial Water/ Coolant Water/ Bore Water/ Ground Water/ RO Water/Surface water/well water	Calcium as Ca	IS 3025 (Part 40)
261	CHEMICAL- WATER	Potable Water/ Industrial Water/ Coolant Water/ Bore Water/ Ground Water/ RO Water/Surface water/well water	Chlorides as Cl	IS 3025 (Part 32)
262	CHEMICAL- WATER	Potable Water/ Industrial Water/ Coolant Water/ Bore Water/ Ground Water/ RO Water/Surface water/well water	Colour	IS 3025 (Part 4)
263	CHEMICAL- WATER	Potable Water/ Industrial Water/ Coolant Water/ Bore Water/ Ground Water/ RO Water/Surface water/well water	Dissolved Oxygen	IS 3025 (Part 38)
264	CHEMICAL- WATER	Potable Water/ Industrial Water/ Coolant Water/ Bore Water/ Ground Water/ RO Water/Surface water/well water	Electrical Conductivity @ 25 ºC	IS 3025 (Part 14)
265	CHEMICAL- WATER	Potable Water/ Industrial Water/ Coolant Water/ Bore Water/ Ground Water/ RO Water/Surface water/well water	Fluoride as F	APHA 23rd Edition 4500-F, D
266	CHEMICAL- WATER	Potable Water/ Industrial Water/ Coolant Water/ Bore Water/ Ground Water/ RO Water/Surface water/well water	Magnesium as Mg	IS 3025 (Part 46)
267	CHEMICAL- WATER	Potable Water/ Industrial Water/ Coolant Water/ Bore Water/ Ground Water/ RO Water/Surface water/well water	Nitrate	IS 3025 (Part 34)

SCOPE OF ACCREDITATION

Laboratory Name :	NICHROME TESTING LABORATORY AND RESEARCH PRIVATE LIMITED, NO. 170, 2ND MAIN, JUDGES BUNGALOW ROAD, NARAYANPUR, DHARWAD, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6990	**Page No**	18 of 19
Validity	24/02/2023 to 23/02/2025	**Last Amended on**	19/04/2023

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
268	CHEMICAL- WATER	Potable Water/ Industrial Water/ Coolant Water/ Bore Water/ Ground Water/ RO Water/Surface water/well water	Nitrate Nitrogen as NO3-N	IS 3025 (Part 34)
269	CHEMICAL- WATER	Potable Water/ Industrial Water/ Coolant Water/ Bore Water/ Ground Water/ RO Water/Surface water/well water	Nitrite Nitrogen	IS 3025 (Part 34)
270	CHEMICAL- WATER	Potable Water/ Industrial Water/ Coolant Water/ Bore Water/ Ground Water/ RO Water/Surface water/well water	Odour	IS 3025 (Part 5)
271	CHEMICAL- WATER	Potable Water/ Industrial Water/ Coolant Water/ Bore Water/ Ground Water/ RO Water/Surface water/well water	pH @ 25 ºC	IS 3025 (Part 11)
272	CHEMICAL- WATER	Potable Water/ Industrial Water/ Coolant Water/ Bore Water/ Ground Water/ RO Water/Surface water/well water	Phenol	IS 3025 (part 43/sec1)
273	CHEMICAL- WATER	Potable Water/ Industrial Water/ Coolant Water/ Bore Water/ Ground Water/ RO Water/Surface water/well water	Potassium	APHA 23rd Edition 3500 B
274	CHEMICAL- WATER	Potable Water/ Industrial Water/ Coolant Water/ Bore Water/ Ground Water/ RO Water/Surface water/well water	Reactive Silica	APHA 23rd Edition 4500 C, D
275	CHEMICAL- WATER	Potable Water/ Industrial Water/ Coolant Water/ Bore Water/ Ground Water/ RO Water/Surface water/well water	Residual Free Chlorine	IS 3025 (Part 26)
276	CHEMICAL- WATER	Potable Water/ Industrial Water/ Coolant Water/ Bore Water/ Ground Water/ RO Water/Surface water/well water	Sodium	APHA 23rd Edition 3500 B
277	CHEMICAL- WATER	Potable Water/ Industrial Water/ Coolant Water/ Bore Water/ Ground Water/ RO Water/Surface water/well water	Sulphates as SO4	IS 3025 (Part 24/Sec1)
278	CHEMICAL- WATER	Potable Water/ Industrial Water/ Coolant Water/ Bore Water/ Ground Water/ RO Water/Surface water/well water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
279	CHEMICAL- WATER	Potable Water/ Industrial Water/ Coolant Water/ Bore Water/ Ground Water/ RO Water/Surface water/well water	Total Dissolved Solids	IS 3025 (Part 16)
280	CHEMICAL- WATER	Potable Water/ Industrial Water/ Coolant Water/ Bore Water/ Ground Water/ RO Water/Surface water/well water	Total Hardness as CaCO3	IS 3025 (Part 21)
281	CHEMICAL- WATER	Potable Water/ Industrial Water/ Coolant Water/ Bore Water/ Ground Water/ RO Water/Surface water/well water	Total Phosphate	APHA 23rd Edition 4500-P, D
282	CHEMICAL- WATER	Potable Water/ Industrial Water/ Coolant Water/ Bore Water/ Ground Water/ RO Water/Surface water/well water	Turbidity	IS 3025 (Part 10)
283	CHEMICAL- WATER	Potable Water/Surface Water/Industrial Water/Coolant water/Ground water/Process water/RO water/Well Water	Sulphide	APHA 23rd edition 4500 S2-
284	CHEMICAL- WATER	Water for construction purpose	Acidity	IS 3025 (Part 22)
285	CHEMICAL- WATER	Water for construction purpose	Chloride as Cl	IS 3025 (Part 32)
286	CHEMICAL- WATER	Water for construction purpose	Inorganic Solids	IS 3025 (Part 18)
287	CHEMICAL- WATER	Water for construction purpose	Organic Solids	IS 3025 (Part 18)
288	CHEMICAL- WATER	Water for construction purpose	pH@ 25 ºC	IS 3025 (Part 11)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	NICHROME TESTING LABORATORY AND RESEARCH PRIVATE LIMITED, NO. 170, 2ND MAIN, JUDGES BUNGALOW ROAD, NARAYANPUR, DHARWAD, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6990	**Page No**	19 of 19
Validity	24/02/2023 to 23/02/2025	**Last Amended on**	19/04/2023

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
289	CHEMICAL- WATER	Water for construction purpose	Sulphates	IS 3025 (Part 24 & Sec 1)
290	CHEMICAL- WATER	Water for construction purpose	Total Alkalinity	IS 3025 (Part 23)
291	CHEMICAL- WATER	Water for construction purpose	Total Suspended Solids	IS 3025 (Part 17)