National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PRAKRITI CONSULTANTS SERVICES, 12, VISHNUPURI CHURCH ROAD, ALIGANJ, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8241 **Page No** 1 of 7

Validity 16/03/2021 to 15/03/2023 **Last Amended on** 02/07/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia	IS-5182(Part-25)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Chlorine Free	IS-5182(Part-19)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead	IS-5182(Part-22)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nickel	IS-5182(Part-26)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Oxides of Nitrogen(NOx)	IS 5182 PART-6
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone	IS-5182(Part-09)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate Matter (PM10)	IS 5182 PART-23
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	PM2.5	IS-5182(Part-24)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulphur Dioxide (SO2)	IS 5182 PART-2
10	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Total Fluoride	IS-5182(Part-13)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Levels (Excluding vibration)	Noise Level	IS 9989
12	CHEMICAL- ATMOSPHERIC POLLUTION	Source Noise	Source Noise (for Diesel Generator)	IS: 4758
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Ammonia	IS-11255(Part- 6)
14	CHEMICAL- ATMOSPHERIC POLLUTION	stack emission	Carbon Dioxide (CO2)	PCS/SOP/ST/03
15	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Carbon Mono Oxide (CO)	PCS/SOP/ST/03
16	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Mercury	PCS/SOP/ST/08:2021
17	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxygen (O2)	PCS/SOP/ST/03
18	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Particulate Matter (PM)	IS 11255 PART-1

SCOPE OF ACCREDITATION

Laboratory Name : PRAKRITI CONSULTANTS SERVICES, 12, VISHNUPURI CHURCH ROAD, ALIGANJ, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8241 **Page No** 2 of 7

Validity 16/03/2021 to 15/03/2023 **Last Amended on** 02/07/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
19	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur Dioxide (SO2)	IS 11255 PART-2
20	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphuric Acid Mist	PCS/SOP/ST/07:2021
21	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Temperature	IS: 11255 (Part 3)
22	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Total Fluoride (Gaseous)	PCS/SOP/ST/09:2021
23	CHEMICAL- PESTICIDE FORMULATIONS	Captan Technical	Carbon Tetra Chloride	Arysta Life Sciences NA Crop: 2016
24	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available Phosphorous	ISO 11263
25	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Bulk Density	IS 2720 Part 8,
26	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Cadmium	EPA 3050 b 1996
27	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Chromium	EPA 3050 b 1996
28	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Copper	EPA 3050 b
29	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Electrical Conductivity/ Specific Conductance	IS 14767
30	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Iron	EPA 3050 b
31	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Lead	EPA 3050 b
32	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/sediments	Manganese	EPA 3050 b
33	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/sediments	Nickel	EPA 3050 b
34	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Organic Carbon	IS 2720:Part 22
35	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Particle Density	IS 2720 Part 3 Sec 1
36	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	pH	IS 2720 Part 26
37	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Potassium	IS 9497

SCOPE OF ACCREDITATION

Laboratory Name : PRAKRITI CONSULTANTS SERVICES, 12, VISHNUPURI CHURCH ROAD, ALIGANJ, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8241 **Page No** 3 of 7

Validity 16/03/2021 to 15/03/2023 **Last Amended on** 02/07/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
38	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Sodium	IS 9497
39	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Texture	PCS/SOP/Soil/03
40	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Total Kjeldahl Nitrogen	IS-14684
41	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Total Phosphorous	IS-6361
42	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/sediments	Water Holding Capacity	IS 2720 Part 2
43	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/sediments	Zinc	EPA 3050 b
44	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Arsenic	APHA-3114-B 23rd Edition
45	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	BOD 3 Days	IS-3025(Part-44)
46	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	BOD 5 Days	APHA-5210-B 23rd Edition
47	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride	APHA-4500-Cl-B 23rd Edition
48	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chromium 6+	APHA-3500-Cr-B 23rd Edition
49	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Color	IS-3025(Part-4)
50	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Free Ammonia	APHA-4500-NH3-C 23rd Edition
51	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Mercury	APHA-3112-B 23rd Edition
52	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrate	APHA-4500-NO3-B 23rd Edition
53	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	odour	IS-3025(Part-5) 1983
54	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphate	APHA-4500-P-D 23rd Edition
55	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium	APHA-3500-K-B 23rd Edition
56	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium	APHA-3500-Na-B 23rd Edition

SCOPE OF ACCREDITATION

Laboratory Name : PRAKRITI CONSULTANTS SERVICES, 12, VISHNUPURI CHURCH ROAD, ALIGANJ, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8241 **Page No** 4 of 7

Validity 16/03/2021 to 15/03/2023 **Last Amended on** 02/07/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
57	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate	IS-3025 (Part-24) 1984
58	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids	APHA-2540-C 23rd Edition
59	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Turbidity	APHA-2130-B 23rd Edition
60	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Ammonical Nitrogen	APHA 4500-NH3-C
61	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Cadmium (Cd)	APHA 3111-B
62	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand (COD)	APHA 5220-C
63	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Copper (Cu)	APHA 3111-B
64	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Dissolved Oxygen	APHA 4500-O-C
65	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Fluoride	APHA 4500-F-D
66	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Iron	APHA 3111-B
67	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Lead (Pb)	APHA 3111-B
68	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nickel (Ni)	APHA 3111-B
69	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Oil & Grease	APHA 5520-B
70	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	pH	APHA 4500-H+-B
71	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Residual Chlorine	APHA 4500-Cl-B
72	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Temperature	APHA 2550 B
73	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Chromium (Cr)	APHA 3111-B
74	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Kjeldahl Nitrogen	APHA 4500-Norg-B
75	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Solids	APHA 2540-B

SCOPE OF ACCREDITATION

Laboratory Name : PRAKRITI CONSULTANTS SERVICES, 12, VISHNUPURI CHURCH ROAD, ALIGANJ, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8241 **Page No** 5 of 7

Validity 16/03/2021 to 15/03/2023 **Last Amended on** 02/07/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
76	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Suspended Solids	APHA 2540-C
77	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Zinc (Zn)	APHA 3111-B
78	CHEMICAL- WATER	Drinking Water	Ammonia as Total Nitrogen	IS-3025 (Part-34)
79	CHEMICAL- WATER	Drinking Water	Arsenic	APHA-3114-B 23rd Edition
80	CHEMICAL- WATER	Drinking Water	Boron	APHA 4500-B
81	CHEMICAL- WATER	Drinking Water	Cadmium (Cd)	APHA 3111-B
82	CHEMICAL- WATER	Drinking Water	Calcium	APHA 3500 Ca-B
83	CHEMICAL- WATER	Drinking Water	Chloride	APHA 4500-Cl- B
84	CHEMICAL- WATER	Drinking Water	Color	IS-3025(Part-4)
85	CHEMICAL- WATER	Drinking Water	Copper (Cu)	APHA 3111-B
86	CHEMICAL- WATER	Drinking Water	Electrical Conductivity/ Specific Conductance	APHA 2510 B
87	CHEMICAL- WATER	Drinking Water	Fluoride	APHA 4500-F-D
88	CHEMICAL- WATER	Drinking Water	Iron (Fe)	APHA 3111-B
89	CHEMICAL- WATER	Drinking Water	Lead (Pb)	APHA 3111-B
90	CHEMICAL- WATER	Drinking Water	Magnesium	APHA 3500-Mg-B
91	CHEMICAL- WATER	Drinking Water	Manganese	APHA-3111-B 23rd Edition
92	CHEMICAL- WATER	Drinking Water	Mercury	APHA-3112-B 23rd Edition
93	CHEMICAL- WATER	Drinking Water	Nickel (Ni)	APHA 3111-B
94	CHEMICAL- WATER	Drinking Water	Nitrate	APHA 4500-NO3-B
95	CHEMICAL- WATER	Drinking Water	Odour	IS-3025(Part-5)
96	CHEMICAL- WATER	Drinking Water	pH	APHA 4500-H+-B
97	CHEMICAL- WATER	Drinking Water	Potassium	APHA 3500-K-B
98	CHEMICAL- WATER	Drinking Water	Residual Chlorine	APHA 4500-Cl-B
99	CHEMICAL- WATER	Drinking Water	Sodium	APHA 3500-Na-B
100	CHEMICAL- WATER	Drinking Water	Sulphate	APHA 4500-SO42- E
101	CHEMICAL- WATER	Drinking Water	Sulphate	IS-3025 (Part-24)
102	CHEMICAL- WATER	Drinking Water	Sulphide	APHA-4500-S2-F 23rd Edition
103	CHEMICAL- WATER	Drinking Water	Taste	IS-3025(Part-8)
104	CHEMICAL- WATER	Drinking Water	Temperature	IS-3025(Part-9)

SCOPE OF ACCREDITATION

Laboratory Name : PRAKRITI CONSULTANTS SERVICES, 12, VISHNUPURI CHURCH ROAD, ALIGANJ, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8241 **Page No** 6 of 7

Validity 16/03/2021 to 15/03/2023 **Last Amended on** 02/07/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
105	CHEMICAL- WATER	Drinking Water	Total Alkalinity	APHA 2320 B
106	CHEMICAL- WATER	Drinking Water	Total Chromium (Cr)	APHA 3111-B
107	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA 2540 C
108	CHEMICAL- WATER	Drinking Water	Total Hardness	APHA 2340 C
109	CHEMICAL- WATER	Drinking Water	Total solid	APHA-2540-B 23rd Edition
110	CHEMICAL- WATER	Drinking Water	Total Suspended Solid	APHA-2540-C 23rd Edition
111	CHEMICAL- WATER	Drinking Water	Turbidity	APHA-2130-B 23rd Edition
112	CHEMICAL- WATER	Drinking Water	Zinc (Zn)	APHA 3111-B
113	CHEMICAL- WATER	Surface water	Ammonical Nitorgen	APHA-4500-NH3-C 23rd Edition
114	CHEMICAL- WATER	Surface Water	Arsenic	APHA-3114-B 23rd Edition
115	CHEMICAL- WATER	Surface Water	BOD 3 days	IS-3025(Part-44)
116	CHEMICAL- WATER	Surface Water	BOD 5 Days	APHA-5210-B 23rd Edition
117	CHEMICAL- WATER	Surface Water	Boron	APHA 4500-B
118	CHEMICAL- WATER	Surface Water	Cadmium (Cd)	APHA 3111-B
119	CHEMICAL- WATER	Surface Water	Calcium	APHA 3500 Ca-B
120	CHEMICAL- WATER	Surface Water	Chloride	APHA 4500-Cl- B
121	CHEMICAL- WATER	Surface water	COD	APHA-5220-C 23rd Edition
122	CHEMICAL- WATER	Surface water	Color	IS-3025(Part-4)
123	CHEMICAL- WATER	Surface Water	Copper (Cu)	APHA 3111-B
124	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	APHA-4500-O-C 23rd Edition
125	CHEMICAL- WATER	Surface Water	Electrical Conductivity/ Specific Conductance	APHA 2510 B
126	CHEMICAL- WATER	Surface Water	Fluoride	APHA 4500-F-D
127	CHEMICAL- WATER	Surface water	Hexavalent Chromium	APHA-3500-Cr-B 23rd Edition
128	CHEMICAL- WATER	Surface Water	Iron (Fe)	APHA 3111-B
129	CHEMICAL- WATER	Surface Water	Lead (Pb)	APHA 3111-B
130	CHEMICAL- WATER	Surface water	Magnesium	APHA 3500-Mg-B
131	CHEMICAL- WATER	Surface Water	Manganese	APHA-3111-B 23rd Edition
132	CHEMICAL- WATER	Surface Water	Mercury	APHA-3112-B 23rd Edition
133	CHEMICAL- WATER	Surface Water	Nickel (Ni)	APHA 3111-B
134	CHEMICAL- WATER	Surface water	Nitrate	APHA 4500-NO3-B

SCOPE OF ACCREDITATION

Laboratory Name :	PRAKRITI CONSULTANTS SERVICES, 12, VISHNUPURI CHURCH ROAD, ALIGANJ, LUCKNOW, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8241	**Page No**	7 of 7
Validity	16/03/2021 to 15/03/2023	**Last Amended on**	02/07/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
135	CHEMICAL- WATER	Surface Water	Nitrate	APHA 4500-NO3-B
136	CHEMICAL- WATER	Surface water	Odour	IS-3025(Part-5)
137	CHEMICAL- WATER	Surface Water	pH	APHA 4500-H+-B
138	CHEMICAL- WATER	Surface Water	Potassium	APHA 3500-K-B
139	CHEMICAL- WATER	Surface Water	Residual Chlorine	APHA 4500-Cl-B
140	CHEMICAL- WATER	Surface Water	Sodium	APHA 3500-Na-B
141	CHEMICAL- WATER	Surface Water	Sulphate	APHA 4500-SO42- E
142	CHEMICAL- WATER	Surface Water	Taste	IS-3025(Part-8)
143	CHEMICAL- WATER	Surface water	Total Alkalinity	APHA 2320 B
144	CHEMICAL- WATER	Surface water	Total Chromium (Cr)	APHA 3111-B
145	CHEMICAL- WATER	Surface water	Total Dissolved Solids	APHA 2540 C
146	CHEMICAL- WATER	Surface water	Total Hardness	APHA 2340 C
147	CHEMICAL- WATER	Surface water	Total Khejdahl Nitrogen	APHA-4500-Norg 23rd Edition
148	CHEMICAL- WATER	Surface Water	Total solids	APHA-2540-B 23rd Edition
149	CHEMICAL- WATER	Surface water	Total Suspended Solids	APHA-2540-D 23rd Edition
150	CHEMICAL- WATER	Surface Water	Turbidity	APHA-2130-B 23rd Edition
151	CHEMICAL- WATER	Surface water	Zinc (Zn)	APHA 3111-B