National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SPECTRA ANALYTIC LABS, PLOT 343/14, KRISHNA COLONY, FARIDABAD, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9705 **Page No** 1 of 3

Validity 26/07/2021 to 25/07/2023 **Last Amended on** -

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- POLLUTION & ENVIRONMENT	Waste Water	Biological Oxygen Demand At 27 Degree C For 3 Days	IS: 3025 (Part-44)
2	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	IS: 3025 (Part-58) open reflux method
3	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chloride	IS: 3025 (Part-32) sec 2 Argentometric Method
4	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	IS: 3025 (Part-38) Section 4.1 Winkler method
5	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	IS: 3025 (Part-39) Section 5 Partition Gravimetric Method
6	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	IS: 3025 (Part-11) Section 2 Electrometric Method
7	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Specific Conductivity	IS: 3025 (Part-14)
8	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	sulphate	IS: 3025 (Part-24) Section 4: Turbidity Method
9	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids (TDS)	IS: 3025 (Part-16) gravimetric
10	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	IS: 3025 (Part-17) gravimetric
11	CHEMICAL- WATER	Drinking Water	Alkalinity	IS: 3025 (Part-23)
12	CHEMICAL- WATER	Drinking Water	Calcium	IS: 3025 (Part-40) Section: 5 EDTA Titrimetric Method
13	CHEMICAL- WATER	Drinking Water	Chloride	IS: 3025 (Part-32) Section 2: Argentometric Method
14	CHEMICAL- WATER	Drinking Water	colour	IS: 3025 (Part-04)
15	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen	IS: 3025 (Part-38) Section 4 Titrimetric Method
16	CHEMICAL- WATER	Drinking Water	Fluoride	IS: 3025 (Part-60) Section 5: Zirconium Alizarin Method
17	CHEMICAL- WATER	Drinking Water	Iron	IS: 3025 (Part- 53) Sec.-6, 1,10 Phenethroline Method
18	CHEMICAL- WATER	Drinking Water	Magnesium	IS: 3025 (Part-46) Section:6 Volumetric Method Using EDTA
19	CHEMICAL- WATER	Drinking Water	pH	IS: 3025 (Part-11) Sec-2 Electrometric Method

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
20	CHEMICAL- WATER	Drinking Water	Sulphate (SO4)	IS: 3025 (Part-24) Section 4: Turbidity Method
21	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS: 3025 (Part-16)
22	CHEMICAL- WATER	Drinking Water	Total Hardness	IS: 3025 (Part-21) Sec-5 EDTA Titration
23	CHEMICAL- WATER	Drinking Water	Turbidity	IS: 3025 (Part-10)
24	CHEMICAL- WATER	Ground Water	Acidity as CaCO3	IS: 3025 (Part-22)
25	CHEMICAL- WATER	Ground Water	Alkalinity as CaCO3	IS: 3025 (Part-23)
26	CHEMICAL- WATER	Ground Water	Calcium (Ca)	IS: 3025 (Part-40) Section 5 EDTA Titrimetric Method
27	CHEMICAL- WATER	Ground Water	Chloride (Cl)	IS: 3025 (Part-32) Section 2: Argentometric Method
28	CHEMICAL- WATER	Ground Water	Colour	IS: 3025 (Part-04)
29	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	IS: 3025 (Part-38) Section 4 Titrimetric Method
30	CHEMICAL- WATER	Ground Water	Fluoride (F)	IS: 3025 (Part-60) Section 5, Zirconium Alizarin Method
31	CHEMICAL- WATER	Ground Water	Iron (Fe)	IS: 3025 (Part-53) Section-6, 1-10, Phenenthroline Method
32	CHEMICAL- WATER	Ground Water	Magnesium (Mg)	IS: 3025 (Part-46) Section 6, Volumetric Method Using EDTA
33	CHEMICAL- WATER	Ground Water	pH	IS: 3025 (Part-11) Section:2, Electrometric Method
34	CHEMICAL- WATER	Ground Water	Sulphate (SO4)	IS: 3025 (Part-24) Section 4: Turbidity Method
35	CHEMICAL- WATER	Ground Water	Total Dissolved Solids (TDS)	IS: 3025 (Part-16)
36	CHEMICAL- WATER	Ground Water	Total Hardness (CaCO3)	IS: 3025 (Part-21) Section 5 EDTA Titration
37	CHEMICAL- WATER	Ground Water	Turbidity	IS: 3025 (Part-10)
38	CHEMICAL- WATER	Surface Water	Acidity as CaCO3	IS: 3025 (Part-22)
39	CHEMICAL- WATER	Surface Water	Alkalinity as CaCO3	IS: 3025 (Part-23)
40	CHEMICAL- WATER	Surface Water	Biological Oxygen Demand At 27 Degree C For 3 Days	IS: 3025 (Part-44)
41	CHEMICAL- WATER	Surface Water	Calcium (Ca)	IS: 3025 (Part-40) Section 5 EDTA Titrimetric Method

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42	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand	IS: 3025 (Part-58) open reflux method
43	CHEMICAL- WATER	Surface Water	Chloride (Cl)	IS: 3025 (Part-32) Section 2: Argentometric Method
44	CHEMICAL- WATER	Surface Water	Colour	IS: 3025 (Part-04)
45	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	IS: 3025 (Part-38) Section 4 Titrimetric Method
46	CHEMICAL- WATER	Surface Water	Fluoride (F)	IS: 3025 (Part-60) Section 6, Zirconium Alizarin Method
47	CHEMICAL- WATER	Surface Water	Iron (Fe)	IS: 3025 (Part-53) Section- 6, 1-10 Phenenthroline Method
48	CHEMICAL- WATER	Surface Water	Magnesium (Mg)	IS: 3025 (Part-46) Section 6, Volumetric Method Using EDTA
49	CHEMICAL- WATER	Surface Water	Oil & Grease	IS: 3025 (Part-39) Section 5 Partition Gravimetric Method
50	CHEMICAL- WATER	Surface Water	pH	IS: 3025 (Part-11) Section 2 Electrometric Method
51	CHEMICAL- WATER	Surface Water	Sulphate (SO4)	IS: 3025 (Part-24) Section 4: Turbidity Method
52	CHEMICAL- WATER	Surface Water	Total Dissolved Solids (TDS)	IS: 3025 (Part-16)
53	CHEMICAL- WATER	Surface Water	Total Hardness (CaCO3)	IS: 3025 (Part-21) Section 5 EDTA Titration
54	CHEMICAL- WATER	Surface Water	Turbidity	IS: 3025 (Part-10)
55	CHEMICAL- WATER	Water for construction purpose	Chloride	IS: 3025 (Part-32) Section 2: Argentometric Method
56	CHEMICAL- WATER	Water for construction purpose	Neutralization Value With 0.02 N H2SO4	IS: 3025 (Part-23)
57	CHEMICAL- WATER	Water for construction purpose	Neutralization Value With 0.02 N NaOH	IS: 3025 (Part-22)
58	CHEMICAL- WATER	Water for construction purpose	pH	IS: 3025 (Part-11) Section 2 Electrometric Method
59	CHEMICAL- WATER	Water for construction purpose	Sulphate (SO3)	IS: 3025 (Part-24) Section 4:Turbidity Method
60	CHEMICAL- WATER	Water for construction purpose	Total Suspended Solids	IS: 3025 (Part-17) gravimetric method