National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ION EXCHANGE (INDIA) LIMITED, LABORATORY DIVISION, C- 72 & 83, ITI ANCILLARY INDUSTRIAL ESTATE, WHITEFIELD MAIN ROAD, MAHADEVAPURA POST, BENGALURU, KARNATAKA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-7361
Validity	01/02/2023 to 31/01/2025

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	Biochemical Oxygendemand (3 Days @ 27° C)	IS 3025 (part 44)(3 days method)
2	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	IS 3025 (part 58)(Open Reflux Method)
3	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride as Cl	IS 3025 (part 32)(Argentometric method)
4	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Nitrate Nitrogen as NO3	IS 3025 (part 34) Chromotropic Acid Method)
5	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	pH Value @ 25°C	IS 3025 (part 11) (Electrometric Method)
6	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Sulphate as SO4	IS 3025 (part 24) (Turbidity method)
7	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Dissolved Solids	IS 3025 (part 16) (Gravimetric method 179-181°C)
8	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Suspended Solids	IS 3025 (part 17)(Gravimetric method 103-105°C)
9	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Turbidity	IS 3025 (part 10) (Nephlometric method)
10	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron as Fe	IS 3025 (part 53)(1,10 Phenonthroline method)
11	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (part 40) (EDTA Titrimetric Method)
12	CHEMICAL- WATER	Drinking Water	Chloride as Cl	IS 3025 (part 32) (Argentometric method)
13	CHEMICAL- WATER	Drinking Water	Conductivity @ 25°C	IS 3025 (part 14)(Laboratory Method)
14	CHEMICAL- WATER	Drinking Water	Free Carbon di oxide	IS 3025 (part 61)(Titrimetric Method)
15	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025 (part 46), APHA 23rd Edition 3500 Mg B (Calculation Method)
16	CHEMICAL- WATER	Drinking Water	Nitrate Nitrogen as NO3	IS 3025 (part 34) Chromotropic Acid Method)
17	CHEMICAL- WATER	Drinking Water	pH Value @ 25°C	IS 3025 (part 11)(Electrometric Method)
18	CHEMICAL- WATER	Drinking Water	Potassium as K	IS 3025 (part 45) Flame emission photometric method)

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Certificate Number TC-7361 **Page No** 2 of 2

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19	CHEMICAL- WATER	Drinking Water	Reactive Silica as SiO2	IS 3025 (part 35) (Molybdo Silicate Method)
20	CHEMICAL- WATER	Drinking Water	Sodium as Na	IS 3025 (part 45)(Flame emission photometric method)
21	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS 3025 (part 24)(Turbidity method)
22	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS 3025 (part 23) (Indicator Method)
23	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (part 16) (Gravimetric method 179-181°C)
24	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025 (part 21)(EDTA Titrimetric Method)1983 Reaffirmed
25	CHEMICAL- WATER	Drinking Water	Total Suspended Solids	IS 3025 (part 17)(Gravimetric method 103-105°C)
26	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (part 10) (Nephlometric method)