National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : STATE REFERRAL INSTITUTE FOR WATER QUALITY, KERALA WATER AUTHORITY, MARKET ROAD, NETTOOR, ERNAKULAM, KERALA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5273 **Page No** 1 of 2

Validity 19/05/2022 to 18/05/2024 **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- RESIDUES IN WATER	Drinking water	Aluminium (as Al)	APHA 3113B
2	CHEMICAL- RESIDUES IN WATER	Drinking water	Cadmium (as Cd)	APHA 3113B
3	CHEMICAL- RESIDUES IN WATER	Drinking water	Copper(as Cu)	APHA 3113B
4	CHEMICAL- RESIDUES IN WATER	Drinking water	Lead (as Pb)	APHA 3113B
5	CHEMICAL- RESIDUES IN WATER	Drinking water	Manganese (as Mn)	APHA 3113B
6	CHEMICAL- RESIDUES IN WATER	Drinking water	Molybdenum (as Mo)	APHA 3113B
7	CHEMICAL- RESIDUES IN WATER	Drinking water	Nickel (as Ni)	APHA 3113B
8	CHEMICAL- RESIDUES IN WATER	Drinking water	Selenium(as Se)	APHA 3113B
9	CHEMICAL- RESIDUES IN WATER	Drinking water	Silver(a Ag)	APHA 3113B
10	CHEMICAL- RESIDUES IN WATER	Drinking water	Total Chromium(as Cr)	APHA 3113B
11	CHEMICAL- RESIDUES IN WATER	Drinking water	Zinc (as Zn)	APHA 3113B
12	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen (DO)	APHA4500-O C
13	CHEMICAL- WATER	Drinking Water	Acidity	IS 3025 Part 22
14	CHEMICAL- WATER	Drinking Water	Calcium (as Ca)	IS 3025 Part 40
15	CHEMICAL- WATER	Drinking Water	Chloride (as Cl)	IS 3025 Part 32 (Argentometric Method)
16	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 Part 4
17	CHEMICAL- WATER	Drinking Water	Electrical Conductivity at 25 degree Celsius	IS 3025 Part 14
18	CHEMICAL- WATER	Drinking Water	Fluoride (as F)	IS 3025 Part 60 (6-Electrochemical Probe Method)
19	CHEMICAL- WATER	Drinking Water	Iron (as Fe)	IS 3025 Part 53 (1,10 phenanthroline method)
20	CHEMICAL- WATER	Drinking water	Magnesium (as Mg)	IS 3025 Part 46

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21	CHEMICAL- WATER	Drinking Water	Nitrate as NO3	APHA 23rd Edition 4500-NO3-B
22	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 Part 5
23	CHEMICAL- WATER	Drinking Water	pH	IS 3025 Part 11
24	CHEMICAL- WATER	Drinking Water	Residual Chlorine	IS 3025 Part 26
25	CHEMICAL- WATER	Drinking Water	Sulphate(as SO4)	IS 3025 Part 24
26	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS 3025 Part 23
27	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids(TDS)	IS 3025 Part 16
28	CHEMICAL- WATER	Drinking Water	Total Hardness (As CaCO3)	IS 3025 Part 21
29	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 Part 10