National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL DISTRICT LABORATORY, KERALA WATER AUTHORITY, KIZHAKKUMPATTUKARA, THRISSUR, KERALA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10415 **Page No** 1 of 2

Validity 17/03/2022 to 16/03/2024 **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- WATER	Drinking Water	Calcium (as Ca)	APHA 23rd Edition -3500-Ca Method B (EDTA method)
2	CHEMICAL- WATER	Drinking Water	Calcium (as Ca)	IS 3025 (Part 40)
3	CHEMICAL- WATER	Drinking Water	Chloride (as Cl)	APHA 23rd Edition -4500-Cl Method B (Argentometric method)
4	CHEMICAL- WATER	Drinking Water	Chloride (as Cl)	IS 3025 (Part 32)
5	CHEMICAL- WATER	Drinking Water	Colour	APHA 23rd Edition -2120-Colour Method B (Platinum Cobalt Visual Comparison)
6	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part 4)
7	CHEMICAL- WATER	Drinking Water	Fluoride (as F)	APHA 23rd Edition -4500-F Method D (SPADNS Method)
8	CHEMICAL- WATER	Drinking Water	Iron (as Fe)	APHA 23rd Edition -3500-Fe Method B (Phenanthroline Method)
9	CHEMICAL- WATER	Drinking Water	Magnesium (as Mg)	APHA 23rd Edition -3500-Mg Method B (By Calculation)
10	CHEMICAL- WATER	Drinking Water	Magnesium (as Mg)	IS 3025 (Part 46)
11	CHEMICAL- WATER	Drinking Water	Nitrate (as NO3)	APHA 23rd Edition -4500- NO3 Method B (UV Screening Method)
12	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
13	CHEMICAL- WATER	Drinking Water	pH	APHA 23rd Edition -4500-H+ Method B
14	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part 11)
15	CHEMICAL- WATER	Drinking Water	Sulphate (as SO4)	APHA 23rd Edition -4500-SO4 Method E (Turbidimetric Method)
16	CHEMICAL- WATER	Drinking Water	Total Alkalinity (as CaCO3)	APHA 23rd Edition -2320-Alkalinity Method B (Titration method)
17	CHEMICAL- WATER	Drinking Water	Total Alkalinity (as CaCO3)	IS 3025 (Part 23)
18	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA 23rd Edition -2540-TDS Method C (Dried at 180 degree Celsius)
19	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part 16)

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20	CHEMICAL- WATER	Drinking Water	Total Hardness (as CaCO3)	APHA 23rd Edition -2340-Hardness Method C (EDTA method)
21	CHEMICAL- WATER	Drinking Water	Total Hardness (as CaCO3)	IS 3025 (Part 21)
22	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 23rd Edition -2130-Turbidity Method B
23	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)