



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name STATE LEVEL WATER QUALITY TESTING AND MONITORING LABORATORY, 32, RAJPUR ROAD, DEHRADUN, UTTARAKHAND, 32, RAJPUR ROAD, DEHRADUN, UTTARAKHAND, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5372 Page No. : 1 / 2

Validity 27/03/2019 to 26/03/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	CHEMICAL- WATER	Drinking Water/Ground Water/Surface Water	Calcium (as Ca)	APHA 23rd Ed. – 3111 B (Direct Air Acetylene Flame Method): 2017	1 mg/L to 10 mg/L
2	CHEMICAL- WATER	Drinking Water/Ground Water/Surface Water	Turbidity	IS 3025 (Part 10), Nephelometric Method, 1984: 2012	1 NTU to 700 NTU
3	CHEMICAL- WATER	Drinking Water/Ground Water/Surface Water	Arsenic (as As)	APHA 23rd Ed. – 3114 C (Continuous Hydride Generation / Atomic Absorption Spectrometric Method): 2017	0.01 mg/L to 0.05 mg/L
4	CHEMICAL- WATER	Drinking Water/Ground Water/Surface Water	Fluoride (as F)	APHA 23rd Ed. – 4500-F-D (SPADNS Method): 2017	0.2 mg/L to 1.5 mg/L
5	CHEMICAL- WATER	Drinking Water/Ground Water/Surface Water	Iron (as Fe)	APHA 23rd Ed. – 3111.B (Direct Air Acetylene Flame Method): 2017	0.3 mg/L to 1.5 mg/L
6	CHEMICAL- WATER	Drinking Water/Ground Water/Surface Water	Magnesium (as Mg)	APHA 23rd Ed. – 3111 B (Direct Air Acetylene Flame Method): 2017	1 mg/L to 10 mg/L
7	CHEMICAL- WATER	Drinking Water/Ground Water/Surface Water	Nitrate (as NO ₃)	APHA 23rd Ed. – 4500-NO ₃ -B (Ultraviolet Spectrophotometric Screening Method): 2017	1 mg/L to 45 mg/L
8	CHEMICAL- WATER	Drinking Water/Ground Water/Surface Water	pH	IS 3025 (Part 11) Electrometric Method 1983, RA: 2012	2.00 to 12.00



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name STATE LEVEL WATER QUALITY TESTING AND MONITORING LABORATORY, 32, RAJPUR ROAD, DEHRADUN, UTTARAKHAND, 32, RAJPUR ROAD, DEHRADUN, UTTARAKHAND, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5372 Page No. : 2 / 2

Validity 27/03/2019 to 26/03/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
9	CHEMICAL- WATER	Drinking Water/Ground Water/Surface Water	Sulphate (as SO ₄)	APHA 23rd Ed. – 4500-SO ₄ -- E (Turbidimetric Method): 2017	5 mg/L to 50 mg/L
10	CHEMICAL- WATER	Drinking Water/Ground Water/Surface Water	Total Alkalinity (as CaCO ₃)	IS 3025 (Part 23), 1986 RA: 2003	2 mg/L to 1000 mg/L
11	CHEMICAL- WATER	Drinking Water/Ground Water/Surface Water	Total Dissolved Solids	IS 3025 (Part 16), 1984 RA: 2012	5 mg/L to 2000 mg/L
12	CHEMICAL- WATER	Drinking Water/Ground Water/Surface Water	Total Hardness (as CaCO ₃)	IS 3025 (Part 21) EDTA Titrimetric Method: 2009	2 mg/L to 1500 mg/L