

Laboratory Hydrology Level II+Lab, Tutikandi, Shimla, Himachal Pradesh

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-8032

Page 1 of 1

Validity 26.10.2018 to 25.10.2020

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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CHEMICAL TESTING

I.	WATER			
1.	Surface/Ground/ Drinking water	Total Alkalinity	IS 3025 (Part 23) 1986, (RA 2003) Titration Method	0.5 mg/L to 500 mg/L
		chlorides	IS 3025 (Part 32) 1988, (RA 1993) Argentometric Method/APHA-23 Ed 2017- 4500 B Argentometric Method (pp 4-75 to 4-76)	2 mg/L to 1000 mg/L
		Turbidity	IS 3025 (Part 10) 1984, (RA 1996) Nephelometric Method	Upto 10 NTU 10 NTU to 100 NTU
		Total Dissolved Solids	IS 3025 (Part 18) 1984, (RA 2012) Gravimetric Method/APHA-23 Ed 2017- 2540 C Dried at 180 degC (pp 2-69 to 2-70)	5 mg/L to 1000 mg/L