

Laboratory **State Level Water Testing Laboratory, Tamil Nadu Water Supply and Drainage Board, 31, Kamarajar Salai, Chepauk, Chennai, Tamil Nadu**

Accreditation Standard **ISO/IEC 17025: 2005**

Certificate Number **TC-7779 (in lieu of T-4207)**

Page 1 of 1

Validity **20.10.2018 to 19.10.2020**

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
-----	----------------------------	-------------------------	---	--

CHEMICAL TESTING

I.	WATER			
1.	Surface water, Ground water and Drinking water	pH@ 25 °C	IS 3025 (Part 11): 1983 (RA 2017) Electrometric Method	2 to 13
		Total Alkalinity as CaCO ₃	IS 3025 (Part 23): 1986 (RA 2014) Indicator Method	1 mg/l to 2000 mg/l
		Total Hardness as CaCO ₃	IS 3025 (Part 21): 2009 (RA 2014) EDTA Method	1 mg/l to 2000 mg/l
		Chloride as Cl	IS 3025 (Part 32): 1982 (RA 2014) Argentometric Method	1 mg/l to 2000 mg/l
		Sulfate as SO ₄	IS 3025 (Part 24): 1986 (RA 2014) Turbidity Method	10 mg/l to 1000 mg/l
		Nitrate as NO ₃	APHA 23 rd Edition 2017-4500-NO ₃ -B	1 mg/l to 200 mg/l
		Fluoride as F	APHA 23 rd Edition 2017-4500-F-D	0.1 mg/l to 20 mg/l