

Laboratory State Level Water Analysis Laboratory, Uttar Pradesh Jal Nigam,
Head Office, 6-Rana Pratap Marg, Lucknow, Uttar Pradesh

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-7689 (in lieu of T-4127)

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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.	Ground Water/ Surface Water	Turbidity	IS 3025 (Part 10): 2012	1 NTU to 1000 NTU
		pH	IS 3025 (Part 11): 2012 (Electrometric Method)	4 to 12
		TDS	IS 3025 (Part 16): 2008	5 mg/l to 10000 mg/l
		Colour	IS 3025 (Part 4): 2012	1 Hazen Unit to 100 Hazen Unit
		Chloride	IS 3025 (Part 32): 2014	1 mg/l to 500 mg/l
		Fluoride	IS 3025 (Part 60): 2008 (Electrochemical Probe Method)	0.05 mg/l to 10 mg/l
		Sulphate	IS 3025 (Part 24): 2009 (Turbidity Method)	1 mg/l to 400 mg/l
		Nitrate	APHA 23 rd edition 2017, Method 4500 NO ₃ – B	0.01 mg/l to 50 mg/l
		Iron	IS 3025 (Part 53): 2003 (1, 10 Phenanthroline Method)	0.05 mg/l to 25 mg/l
		Total Hardness	IS 3025 (Part 21): 2009	1 mg/l to 500 mg/l
Alkalinity	IS 3025 (Part 23): 2008	1 mg/l to 500 mg/l		