

Laboratory	Regional Chemical Laboratory, Central Ground Water Board, NWR, Plot No. 3B, Sector-27 A, Chandigarh		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	05.04.2014
Certificate Number	T-2909	Valid Until	04.04.2016
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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. WATER				
1.	Ground Water	pH	IS 3025 (Part-11)-1983, RA 2002 APHA 22 nd Edition; 4500 H ⁺ B, Page No. 4-92	1 to 12
		Specific Conductance	IS 3025 (Part-14)-1984, RA 2002 APHA 22 nd Edition; 2510 B, Page No. 2-54	0.1 to 10000 μ S/cm
		Total Hardness (as CaCO ₃)	Cl 5 of IS 3025 (Part-21)-2009 APHA 22 nd Edition; 2340 C, Page No. 2-44	5 to 5000 mg/l
		Calcium (as Ca)	Cl 5 of IS 3025 (Part-40)-1991: RA 2003 APHA 22 nd Edition; 3500 Ca B, Page No. 3-67	5 to 1000 mg/l
		Magnesium (as Mg)	APHA 22 nd Edition; 3500 Mg ⁺ B, Page No. 3-84	5 to 1000 mg/l
		Chloride (as Cl)	Cl 2 of IS 3025 (Part-32)-1998, RA 2003 APHA 22 nd Edition; 4500 Cl ⁻ B, Page No. 4-72	5 to 5000 mg/l

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	Ground Water	Nitrate (as NO ₃)	APHA 22 nd Edition; 4500 NO ₃ ⁻ B, Page No. 4-122	0.5 to 100 mg/l
		Fluoride (as F)	APHA 22 nd Edition; 4500- F D, Page No. 4-87	0.1 to 10 mg/l

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