



Government of Andhra Pradesh
IWQM Water Testing Laboratory
O/o The Executive Engineer
Rural Water Supply & Sanitation Department
Anantapur District .

TEST REPORT ON CHEMICAL ANALYSIS OF WATER(DRINKING)
General physical Chemical Parameters and Bacteriological Analysis

Name and address: Vysnawi English medium School, Gannavari Palle, Tadipatri, Anantapur(D)

Test Report ID No : 1872

Description of the test items:

Date of Collection :

Date of Receipt : 25/7/2025

Date of Analysis : 25/7/2025

Date of issue: 26/7/2025

Sl.No	Physico-Chemical Parameters	Units	Bore water before filtration	Bore water after filtration	R.O VMC-tap water	Water at Delivery point	As per IS (10500 - 2012)	
							Requirement (Acceptable Limit)	Permissible Limit (in the absence of alternative source)
1	Colour	Co-Pt			—			
2	Turbidity	NTU			<1		1.0	5.0
3	pH				6.25		6.5-8.5	No relaxation
4	Electrical Conductivity (EC)	micromhos/cm			—		—	—
5	Total Dissolved Solids(TDS)	mg/lit			119		500	2000
6	Total Alkalinity as CaCO ₃	mg/lit			50		200	600
7	Total Hardness as CaCO ₃	mg/lit			50		200	600
8	Calcium as Ca ⁺⁺	mg/lit			7		75	200
9	Magnesium as Mg ⁺⁺	mg/lit			5.0		30	100
10	Flouride as F ⁻	mg/lit			0.1		1.0	1.5
11	Chloride as Cl ⁻	mg/lit			16.0		250	1000
12	Nitrate as NO ₃ ⁻	mg/lit			0.80		45	No relaxation
13	Sulphate as SO ₄ ⁻	mg/lit			3		200	400
14	Total Iron as Fe	mg/lit			0.01		0.3	1
15	Bacteriological Analysis							
A)	H ₂ S producing Bacteria		— Nil —					
B)	MPN of Coliforms bacteria	100 ml	Absent					
C)	MPN of E.coli	100 ml	Absent					

Remarks :



B. Maheswari
Chemist 26/7/2025

Water Quality Testing Laboratory
RWS & S Sub-Division Tadipatri

D. Suresh
Microbiologist 26/7/2025

Water Quality Testing Laboratory
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