

Government of Andhra Pradesh IWQM Water Testing Laboratory
O/o The Executive Engineer
Rural Water Supply & Sanitation Department Penukonda
TEST REPORT ON CHEMICAL ANALYSIS OF WATER(DRINKING)
General physical Chemical Parameters

Name of Address:

Yasoda English Medium High school, Puttaparthi road, Dharmavaram, Sri
Sathya Sai district

Test Report ID No : 144

Description of the test items: Chemical Analysis

Date of Collection : 02.04.2025

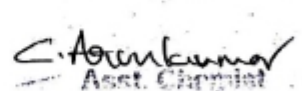
Date of Receipt : 02.04.2025

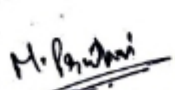
Date of Analysis : 02.04.2025

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Sl.No	Physico-Chemical Parameters	Units	Bore water before filtration	RO Treated water	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	3.00	2.00			1.0	5.0
3	pH		6.90	5.30			6.5-8.5	No relaxation
4	Electrical Conductivity (EC)	micromhos/cm	886	118				
5	Total Dissolved Solids(TDS)	mg/lit	571	76			500	2000
6	Total Alkalinity as CaCO ₃	mg/lit	432	88			200	600
7	Total Hardness as CaCO ₃	mg/lit	240	32			200	600
8	Calcium as Ca++	mg/lit	80	24			75	200
9	Magnesium as Mg++	mg/lit	38.88	1.94			30	100
10	Fluoride as F ⁻	mg/lit	1.55	0.30			1.0	1.5
11	Chloride as Cl ⁻	mg/lit	120	36			250	1000
12	Nitrate as NO ₃ ⁻	mg/lit	30.00	25.00			45	No relaxation
13	Total Iron as Fe	mg/lit	0.10	0.00			0.3	1


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