

**Government of Andhra Pradesh (WQM 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 : **257**

Description of the test items: **Chemical Analysis**

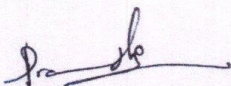
Date of Collection : **23.03.2026**

Date of Receipt : **23.03.2026**

Date of Analysis : **23.03.2026**

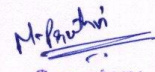
Date of issue: **23.03.2026**

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		7.10	6.40			6.5-8.5	No relaxation
4	Electrical Conductivity (EC)	micromhos/cm	930	98			-	-
5	Total Dissolved Solids(TDS)	mg/lit	600	63			500	2000
6	Total Alkalinity as CaCO ₃	mg/lit	448	80			200	600
7	Total Hardness as CaCO ₃	mg/lit	256	40			200	600
8	Calcium as Ca ⁺⁺	mg/lit	96	32			75	200
9	Magnesium as Mg ⁺⁺	mg/lit	38.88	1.94			30	100
10	Fluoride as F ⁻	mg/lit	1.50	0.30			1.0	1.5
11	Chloride as Cl ⁻	mg/lit	144	48			250	1000
12	Nitrate as NO ₃ ⁻	mg/lit	35.00	20.00			45	No relaxation
13	Total Iron as Fe	mg/lit	0.10	0.00			0.3	1


Assistant Executive Engineer
RWS & S Division
Penukonda

C. Anur Kumari
Asst. Chemist
Division Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept.
Penukonda, Sathya Sai (Dist.)

M.Dhanalakshmi
Principal
Yasoda English Medium High School
Puttaparthi Road, Dharmavaram.
Sri Sathya Sai Dist - 515 671.


Secretary
Yasoda English Medium High School
Puttaparthi Road, Dharmavaram.
Sri Sathya Sai Dist - 515 671.