



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

Name of Address: Sri Sai Yesu English Medium High School, Channam Palli Cross,
Chilamathur, Sri Satya Sai Dist, Andhra Pradesh, 515341.

Test Report ID No : 271

Description of the test items: Chemical Analysis

Date of Collection : 21.05.2025.


Date of Receipt : 21.05.2025.

Date of Analysis : 21.05.2025

Date of issue: 21-05-2025

Sl.No	Physico-Chemical Parameters	Units	Bore water before filtration	Bore water after filtration	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		0.00			1.0	5.0
3	pH			6.95			6.5-8.5	No relaxation
4	Electrical Conductivity (EC)	micromhos/cm		110			-	-
5	Total Dissolved Solids(TDS)	mg/lit		70			500	2000
6	Total Alkalinity as CaCO ₃	mg/lit		48			200	600
7	Total Hardness as CaCO ₃	mg/lit		32			200	600
8	Calcium as Ca ⁺⁺	mg/lit		14			75	200
9	Magnesium as Mg ⁺⁺	mg/lit		6.30			30	100
10	Flouride as F ⁻	mg/lit		0.30			1.0	1.5
11	Chloride as Cl ⁻	mg/lit		25			250	1000
12	Nitrate as NO ₃ ⁻	mg/lit		1.00			45	No relaxation
13	Total Iron as Fe	mg/lit		0.01			0.3	1


Deputy Executive Engineer
RWS & S. Sub-Division
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