

Government of Andhra Pradesh
Rural Water Supply & Sanitation Department
State Level Water Testing Laboratory
O/o The Project Director
State Water Supply & Sanitation Mission
"C" Block, Vasudha shelter, LIC colony, Gollapudi, Vijayawada - 521225

TEST REPORT ON CHEMICAL ANALYSIS OF WATER(DRINKING)
General Physico- Chemical Parameters

Sample Received From : DAV Public School Dr.N.T.T.P.S Campus Ibrahimpatnam

Location : Dr.N.T.T.P.S Campus Ibrahimpatnam Mandal, NTR Dist.

Test Report ID No : 005/SLL/PRVT/SWSM/RWS/2026 - 27

Description of the test items: Water Sample

Date of Collection : 29.05.2026

Date of Analysis : 29.05.2026

Date of Receipt : 29.05.2026

Date of issue: 01.06.2026

Sl.No.	Physico-Chemical Parameters	Units	Test results of water sample	As per IS (10500 - 2012)	
				Acceptable Limit	Permissible Limit
1	Colour	Co-Pt	0	5	15
2	Turbidity	NTU	0	1	5
3	pH		6.86	6.5-8.5	No relaxation
4	Electrical Conductivity	micromhos/cm	261	-	-
5	Total Dissolved Solids	mg/L	168	500	2000
6	Salinity	gm/L	0.11	0.48	1.836
7	Total Alkalinity as CaCO ₃	mg/L	52	200	600
8	Total Hardness as CaCO ₃	mg/L	60	200	600
9	Calcium as Ca ⁺⁺	mg/L	10	75	200
10	Magnesium as Mg ⁺⁺	mg/L	9	30	100
11	Fluoride as F ⁻	mg/L	0.29	1.0	1.5
12	Chloride as Cl ⁻	mg/L	43	250	1000
13	Nitrate as NO ₃ ⁻	mg/L	2.5	45	No relaxation
14	Sulphate as SO ₄ ⁻²	mg/L	10	200	400
15	Total Iron as Fe	mg/L	0.21	1.0	No relaxation
16	Sodium Na ⁺	mg/L	27.5	-	-
17	Potassium K ⁺	mg/L	1.8	-	-
18	Silica	mg/L	6.9	-	-

Note :

1. The above said results are related only to the sample tested.
2. Sample is collected by the customer not by the laboratory.

