

Government of Andhra Pradesh
Rural Water Supply & Sanitation Department
State Level Water Testing Laboratory

O/o The Project Director
State Water Supply & Sanitation Mission
kushaiguda village, kapra (Mdl) medchal-malkajgiri Dis-500 062., Hyderabad.

TEST REPORT ON CHEMICAL ANALYSIS OF WATER (DRINKING)

General Physico-Chemical Parameters

Sample Received From : **37 Mary's High School**

Source : **R.O Water**

Location : **Kanhipadu, Vijayawada Krishna Dist**

Test Report ID No : **046/SLL/Prvt/SWSM/RWS/2025 - 26**

Description of the test items: **Water Sample**

Date of Collection : **29.07.2025**

Date of Analysis : **30.07.2025**

Date of Receipt : **29.07.2025**

Date of issue: **30.07.2025**

Sl.No.	Physico-Chemical Parameters	Units	Test results of water sample	As per IS (10500 - 2012)	
				Requirement (Acceptable Limit)	Permissible Limit (in the absence of alternative source)
1	Colour	Hazen	0	5	15
2	Turbidity	NTU	0	1	5
3	pH		6.76	6.5-8.5	No relaxation
4	Electrical Conductivity	micromhos/cm	158	-	-
5	Total Dissolved Solids	mg/L	121	500	2000
6	Salinity	gm/L	0.08	0.48	1.836
7	Total Alkalinity as CaCO ₃	mg/L	24	200	600
8	Total Hardness as CaCO ₃	mg/L	34	200	600
9	Calcium as Ca ⁺⁺	mg/L	4	75	200
10	Magnesium as Mg ⁺⁺	mg/L	6	30	100
11	Fluoride as F ⁻	mg/L	0.18	1.0	1.5
12	Chloride as Cl ⁻	mg/L	26	250	1000
13	Nitrate as NO ₃ ⁻	mg/L	3.7	45	No relaxation
14	Sulphate as SO ₄ ⁻²	mg/L	21.6	200	400
15	Total Iron as Fe	mg/L	0.11	1.0	No relaxation
16	Sodium Na ⁺	mg/L	22.8	-	-
17	Potassium K ⁺	mg/L	1.6	-	-
18	Silica	mg/L	5.9	-	-

Note :

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


Lab Chemist


Asst. Chemist
State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P.
Vijayawada-73

