

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 : Atkinson High School

Location : Iron Yard, Gollapudi, Vijayawada.

Test Report ID No : 022/SLL/PRVT/SWSM/RWS/2026 - 27

Source : Bore water

Description of the test items: Water Sample

Date of Collection : 31.07.2026

Date of Analysis : 31.07.2026

Date of Receipt : 31.07.2026

Date of issue: 05.08.2026

Sl.No.	Physico-Chemical Parameters	Units	Test results of water sample	As per IS (10500 - 2012)	
				Acceptable Limit	Permissible Limit
1	Colour	Co-Pt	0.21	5	15
2	Turbidity	NTU	2.5	1	5
3	pH		7.84	6.5-8.5	No relaxation
4	Electrical Conductivity	micromhos/cm	2000	-	-
5	Total Dissolved Solids	mg/L	1290	500	2000
6	Salinity	gm/L	0.52	0.48	1.836
7	Total Alkalinity as CaCO ₃	mg/L	460	200	600
8	Total Hardness as CaCO ₃	mg/L	504	200	600
9	Calcium as Ca ⁺⁺	mg/L	53	75	200
10	Magnesium as Mg ⁺⁺	mg/L	90	30	100
11	Fluoride as F ⁻	mg/L	0.49	1.0	1.5
12	Chloride as Cl ⁻	mg/L	269	250	1000
13	Nitrate as NO ₃ ⁻	mg/L	13.7	45	No relaxation
14	Sulphate as SO ₄ ⁻²	mg/L	83	200	400
15	Total Iron as Fe	mg/L	0.22	0.3	No relaxation
16	Sodium Na ⁺	mg/L	198.3	-	-
17	Potassium K ⁺	mg/L	2.6	-	-
18	Silica	mg/L	26.3	-	-

Note :

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



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TEST REPORT ON CHEMICAL ANALYSIS OF WATER(DRINKING)

General Physico- Chemical Parameters

Sample Received From : Atkinson High School

Location : Iron Yard, Gollapudi, Vijayawada.

Test Report ID No : 021/SLL/PRVT/SWSM/RWS/2026 - 27

Source : Panchayathi water

Description of the test items: Water Sample

Date of Collection : 31.07.2026

Date of Analysis : 31.07.2026

Date of Receipt : 31.07.2026

Date of issue: 05.08.2026

Sl.No.	Physico-Chemical Parameters	Units	Test results of water sample	As per IS (10500 - 2012)	
				Acceptable Limit	Permissible Limit
1	Colour	Co-Pt	0.21	5	15
2	Turbidity	NTU	2	1	5
3	pH		7.79	6.5-8.5	No relaxation
4	Electrical Conductivity	micromhos/cm	851	-	-
5	Total Dissolved Solids	mg/L	549	500	2000
6	Salinity	gm/L	0.25	0.48	1.836
7	Total Alkalinity as CaCO ₃	mg/L	368	200	600
8	Total Hardness as CaCO ₃	mg/L	380	200	600
9	Calcium as Ca ⁺⁺	mg/L	34	75	200
10	Magnesium as Mg ⁺⁺	mg/L	72	30	100
11	Fluoride as F ⁻	mg/L	0.36	1.0	1.5
12	Chloride as Cl ⁻	mg/L	119	250	1000
13	Nitrate as NO ₃ ⁻	mg/L	1.2	45	No relaxation
14	Sulphate as SO ₄ ⁻²	mg/L	10	200	400
15	Total Iron as Fe	mg/L	0.25	0.3	No relaxation
16	Sodium Na ⁺	mg/L	75.1	-	-
17	Potassium K ⁺	mg/L	2.1	-	-
18	Silica	mg/L	24.1	-	-

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TEST REPORT ON CHEMICAL ANALYSIS OF WATER(DRINKING)

General Physico- Chemical Parameters

Sample Received From : Atkinson High School

Location : Iron Yard, Gollapudi, Vijayawada.

Test Report ID No : 023/SLL/PRVT/SWSM/RWS/2026 - 27

Source : R.O water

Description of the test items: Water Sample

Date of Collection : 31.07.2026

Date of Analysis : 31.07.2026

Date of Receipt : 31.07.2026

Date of issue: 05.08.2026

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		6.67	6.5-8.5	No relaxation
4	Electrical Conductivity	micromhos/cm	109	-	-
5	Total Dissolved Solids	mg/L	70	500	2000
6	Salinity	gm/L	0.07	0.48	1.836
7	Total Alkalinity as CaCO ₃	mg/L	25	200	600
8	Total Hardness as CaCO ₃	mg/L	32	200	600
9	Calcium as Ca ⁺⁺	mg/L	4	75	200
10	Magnesium as Mg ⁺⁺	mg/L	5	30	100
11	Flouride as F ⁻	mg/L	0.12	1.0	1.5
12	Chloride as Cl ⁻	mg/L	20	250	1000
13	Nitrate as NO ₃ ⁻	mg/L	1.1	45	No relaxation
14	Sulphate as SO ₄ ⁻²	mg/L	2	200	400
15	Total Iron as Fe	mg/L	0.09	0.3	No relaxation
16	Sodium Na ⁺	mg/L	11.3	-	-
17	Potassium K ⁺	mg/L	0.8	-	-
18	Silica	mg/L	3.4	-	-

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