



**Government of Andhra Pradesh**  
**District Level Water Testing Laboratory,**  
**Visakhapatnam**  
**Rural Water Supply & Sanitation Department**  
**Office of The Executive Engineer,**  
**RWS & S Division,**  
**MAHARANIPETA,ZP COMPOUND, VISAKHAPATNAM**

**TEST REPORT ON CHEMICAL ANALYSIS OF WATER(DRINKING)**  
**General physical Chemical Parameter**

Name and address of Department officials : Sasi English Medium School,  
D.No: 7-42-88, Ward No.9, Sagivalsa,  
Bheemunipatnam Mandal,Visakhapatnam-531162.

Test Report ID No : 001

Description of the test items: Water Sample


Date of Collection : 13-11-2025

Date of issue : 17-11-2025

Sl.No.	Physico-Chemical Parameters	Units	As per IS (10500 - 2012)		Sample Result
			Requirement (Acceptable Limit )	Permissible Limit (in the absence of alternative source)	
1	Colour		5	15	1
2	Odour		Un-Objectionable		Agree
3	Temperature Degrees				30
4	Turbidity	NTU	0	5	1
5	pH		6.5-8.5	No relaxation	7.78
6	Electrical Conductivity	micromhos/cm	-	-	2210
7	Total Dissolved Solids	mg/lit	500	2000	1547
8	Total Alkalinity as CaCO <sub>3</sub>	mg/lit	200	600	540
9	Total Hardness as CaCO <sub>3</sub>	mg/lit	200	600	320
10	Calcium as Ca <sup>++</sup>	mg/lit	75	200	60
11	Magnesium as Mg <sup>++</sup>	mg/lit	30	100	41
12	Fluoride as F <sup>-</sup>	mg/lit	1.0	1.5	1.1
13	Chloride as Cl <sup>-</sup>	mg/lit	250	1000	376
14	Nitrate as NO <sub>3</sub> <sup>-</sup>	mg/lit	45	No relaxation	38.6
15	Sulphate as SO <sub>4</sub> <sup>-</sup>	mg/lit	200	400	84.2
16	Iron as Fe	mg/lit	0.3	1.0	0.1
17	Residual Chlorine	mg/lit	0.2	2.0	-

**REMARKS : Chemically Satisfactory**

Note: Sample Not collected by Department Staff.

  
Lab Chemist/Lab Microbiologist,  
W.Q.M.Lab,  
Visakhapatnam