

**GOVERNMENT OF ANDHRAPRADESH**  
**DIRECTORATE OF I.P.M.PH.LABS, FOOD (H) ADMN, Mangalagiri, Guntur.**  
**REGIONAL PUBLIC HEALTH LABORATORY, GUNTUR**

**REPORT OF PHYSICO CHEMICAL ANALYSIS OF WATER**

Sample from	The Principal, ST.ANNE'S HIGH SCHOOL (EM), GUNTUPALLI, IBRAHIMPATNAM, VIJAYAWADA, NTR KRISHNA Dt, PIN:521241.	Lab. Ref. No:	1354
		Collected on	26-02-2026
		Received on	26-02-2026
Collected by	Staff.	Source Profile	Ro water

S. No	Parameter	Source / Sample	Limits as per IS 10500:2012	
		Drinking water tap Ro at above address.	Desirable (Acceptable limit)	Permissible limit in the absence of alternative source
<b>Physical Parameters</b>				
1	Colour (Hazen units)	<5.0	5	15
2	Turbidity in NTUS`	0.1	1	5
3	Odour	Unobjectionable	Unobjectionable	Agreeable
4	pH	6.9	6.5 – 8.5	No relaxation
5	Conductivity at 25 °C (Micro Mhos/ Cm)	100	...	
6	TDS (mg/L)	66	500	2,000
<b>Chemical parameters (mg/L)</b>				
1	Alkalinity (as CaCO <sub>3</sub> )	Nil	...	
2	Total Alkalinity. Max	20	200	600
3	Total hardness max	24	300	600
4	Calcium hardness (as CaCO <sub>3</sub> )	12	..	
5	Magnesium hardness (as CaCO <sub>3</sub> )	12	..	
6	Calcium (as Ca)	5.0	75	200
7	Magnesium (as Mg)	3.0	30	100
8	Ammonical Nitrogen	Nil	...	
9	Nitrite (as N)	Nil	...	
10	Chloride (as Cl)	20	250	1,000
11	Fluoride (as F)	0.1	1	1.5
12	Iron (as Fe)	Nil	0.3	No relaxation

**Remarks:** The given sample physico chemically all the analysed parameters are with in the desirable limits and satisfactory for drinking purpose.



*R. Prasad*  
28/2  
Senior Analyst (Water)  
Regional Laboratory  
Medical College Campus  
Guntur-4.

**GOVERNMENT OF ANDHRA PRADESH**  
**DIRECTORATE OF I.P.M., P.H.LABS, FOOD (H), ADMINISTRATION, Mangalagiri, Guntur**  
**REGIONAL P.H.LABORATORY, MEDICAL COLLEGE CAMPUS, GUNTUR -4**  
**REPORT OF MICROBIOLOGICAL ANALYSIS OF WATER**

Sample(s) from: The Principal, ST. ANNE'S HIGH SCHOOL (EM), GUNTUPALLI, IBRAHIMPATNAM,  
VIJAYAWADA, NTR KRISHNA Dt, PIN: 521241.

Collected on: 26.02.2026

Received on : 26.02.2026

Paid / Free : Paid

Collected by : Self

S.No	Lab Ref. No	SOURCE	Residual Chlorine mg.per litre	MPN of Coliform Bacteria Per 100 ml.	Nature of Coliform Bacteria Isolated	MP N of Esch coli.
1	1355	Drinking water tap Ro at above address.	Nil	Nil	-	-

**Remarks:-** The given sample is bacteriologically Satisfactory for drinking purpose as evidenced by the Nil MPN count of coliform bacteria.



*R. P. N. N. N.*  
28/2  
Senior Analyst\* (Water)  
Regional Laboratory  
Medical College Campus  
Guntur -4.