

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	St. Joseph's English Medium High School, D.No: 45-1-20B, Gunadala, Vijayawada.	Lab. Ref. No:	898
		Collected on	13-02-2026
		Received on	13-02-2026
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
Physical Parameters				
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)	140	...	
6	TDS (mg/L)	92	500	2,000
Chemical parameters (mg/L)				
1	Alkalinity (as CaCO ₃)	Nil	...	
2	Total Alkalinity. Max	24	200	600
3	Total hardness max	32	300	600
4	Calcium hardness (as CaCO ₃)	16	..	
5	Magnesium hardness (as CaCO ₃)	16	..	
6	Calcium (as Ca)	6.0	75	200
7	Magnesium (as Mg)	4.0	30	100
8	Ammonical Nitrogen	Nil	...	
9	Nitrite (as N)	Nil	...	
10	Chloride (as Cl)	32	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.



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GOVERNMENT OF ANDHRA PRADESH
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REGIONAL P.H.LABORATORY, MEDICAL COLLEGE CAMPUS, GUNTUR -4
REPORT OF MICROBIOLOGICAL ANALYSIS OF WATER

Sample(s) from:- St.Joseph's English Medium High School,D.No: 45-1-20B,Gunadala,Vijayawada.

Collected on: 13.02.2026

Received on : 13.02.2026

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	899	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.



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