

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	Sri Chaitanya School, Outer Ring Road, Reddypalem, Guntur, Guntur Dt, A.P.	Lab. Ref. No:	3552
		Collected on	21.05.2026
		Received on	21.05.2026
Collected by	Staff.	Source Profile	Ro water

		Source / Sample	Limits as per IS 10500:2012	
		Drinking water tap Ro at above address.		
S. No	Parameter		Desirable (Acceptable limit)	Permissib le limit in the absence of alternativ e source
Physical Parameters				
1	Colour (Hazen units)	<5.0	5	15
2	Turbidity in NTUS	0.1	1	5
3	Odour	Unobjectionable	Unobjectionable	Agreeabl e
4	pH	6.9	6.5 – 8.5	No relaxation
5	Conductivity at 25 °C (Micro Mhos/ Cm)	110	...	
6	TDS (mg/L)	72	500	2,000
Chemical parameters (mg/L)				
1	Alkalinity (as CaCO ₃)	Nil	...	
2	Total Alkalinity. Max	20	200	600
3	Total hardness max	24	300	600
4	Calcium hardness (as CaCO ₃)	12	..	
5	Magnesium hardness (as CaCO ₃)	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 Satisfactory for drinking purpose as the analysed parameters are within the desirable limits.



P. P. S.
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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:.. Sri Chaitanya School, Outer Ring Road, Reddypalem, Guntur, Guntur Dt, A.P.

Collected on: 21.05.2026

Received on : 21.05.2026

Paid / Free : paid

Collected by : Staff.

S.No	Lab Ref. No	SOURCE	Residual Chlorine mg.per litre	MPN of Coliform Bacteria Per 100 ml.	Nature of Coliform Bacteria Isolated	MPN of Esch. coli.
1	3553	Drinking water tap Ro at above address.	Nil	Nil	-	-

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



R. P. M. L. W. 23/5
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