

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

REPORT OF PHYSICO CHEMICAL ANALYSIS OF WATER

Sample from	Shree Swami Narayan Gurukul, Kethanakonda, Ibrahimpattanam, NTR Dt.	Lab. Ref. No:	6645
		Collected on	18.09.2025
		Received on	18.09.2025
Collected by	Staff.	Source Profile	Ro water

		Source / Sample	Limits as per IS 10500:2012	
		Rap water Ro at above address.		
S.No	Parameter		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	6.7	6.5 – 8.5	No relaxation
5	Conductivity at 25 °C (Micro Mhos/ Cm)	120	...	
6	TDS (mg/L)	79	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)	4.8	75	200
7	Magnesium (as Mg)	2.9	30	100
8	Ammonical Nitrogen	Nil	...	
9	Nitrite (as N)	Nil	...	
10	Chloride (as Cl)	28	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 within the desirable limits and satisfactory for drinking purpose.



P. P. S. S.
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Senior Analyst (Water)
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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: Shree Swami Narayan Gurukul, Kethanakonda, Ibrahimpatnam, NTR Dt.

Collected on: 18.09.2025

Received on : 18.09.2025

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	MPN of Esch. coli.
1	6646	Tap water 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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