

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	Correspondent, Veenus High School, 14 th Mile, Lemalle (Post), Amaravathi, Palnadu District.	Lab. Ref. No:	2601
		Collected on	27.03.2025
		Received on	27.03.2025
Collected by	Self	Source Profile	RO water

S.No		Parameter	Source / Sample	Limits as per IS 10500:2012	
			Tap water 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	7.1	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	24	200	600	
3	Total hardness max	28	300	600	
4	Calcium hardness (as CaCO ₃)	12	..		
5	Magnesium hardness (as CaCO ₃)	16	..		
6	Calcium (as Ca)	5.0	75	200	
7	Magnesium (as Mg)	4.0	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.



R. P. Venkatesh
 29/3
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: Correspondent, Veenus High School, 14th Mile, Lemalle (Post),
Amaravathi, Palnadu District.

Collected on : 27.03.2025

Received on : 27.03.2025

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	MP N of Esch coli.
1	2602	Tap water RO treated 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.



[Signature]
Senior Analyst (Water)
Regional Laboratory
Medical College Campus
Guntur - 4