

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 Md, Palnadu District.

Collected on: 23.04.2025

Received on : 23.04.2025

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	3719	Tap water (Ro treated) at above address.	Nil	Nil	-	-

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



R. Prasad
26/4
Senior Analyst (Water)
Regional Laboratory
Medical College Campus
Guntur-4.

N. Sambasiva Rao
CORRESPONDENT
VEENUS HIGH SCHOOL
14th Mile - Lemalle (Po)
Amaravathi (M), Palnadu (Dt.)-522016

B. Radhakrishna
HEAD MASTER
VEENUS HIGH SCHOOL
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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 Md, Palnadu District.	Lab. Ref. No:	3718
		Collected on	23.04.2025
		Received on	23.04.2025
Collected by	Staff	Source Profile	RO water

		Source / Sample	Limits as per IS 10500:2012	
		Tap 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	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	20	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)	24	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 is chemically all the analysed parameters are within the desirable limits and safe for drinking purpose.



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