

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	EKATVA EM SCHOOL, S.Y.No:156/1, Ponnabaram (V), Veerulapadu (M), Nandigama,NTR Dt.	Lab. Ref. No:	10627
		Collected on	08-10-2024
		Received on	08-10-2024
Collected by	Self	Source Profile	RO water

S.No		Parameter	Source / Sample		Limits as per IS 10500:2012	
			Tap water (Ro) in School.		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)		194	...		
6	TDS (mg/L)		128	500	2,000	
Chemical parameters (mg/L)						
1	Alkalinity (as CaCO ₃)		Nil	...		
2	Total Alkalinity. Max		40	200	600	
3	Total hardness max		48	300	600	
4	Calcium hardness (as CaCO ₃)		24	..		
5	Magnesium hardness (as CaCO ₃)		24	..		
6	Calcium (as Ca)		9.0	75	200	
7	Magnesium (as Mg)		6.0	30	100	
8	Ammonical Nitrogen		Nil	...		
9	Nitrite (as N)		Nil	...		
10	Chloride (as Cl)		40	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						

Remarks: The given sample physico chemically all the analysed parameters are within the desirable limits and satisfactory for drinking purpose.



(Signature)
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(Signature)
Manager

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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: EKATVA EM SCHOOL, S.Y.No:156/1, Ponnavaaram (V), Veerulapadu (M),
Nandigama, NTR Dt.

Collected on: 08.10.2024

Received on : 08.10.2024

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	10628	Tap water (Ro) in School.	Nil	Nil	-	-

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



Rpmu
10/10
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