

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	Pride E.M High School Karamchedu Road, Chirala Bapatla Dt Pin 523157	Lab. Ref. No:	12997
		Collected on	26-04-2026
		Received on	26-04-2026
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)	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	6.9	6.5 – 8.5	No relaxation
5	Conductivity at 25 °C (Micro Mhos/ Cm)	100	...	
6	TDS (mg/L)	66	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 all the analysed paremeters are within the desirable limits and Satisfactory for drinking purpose.



Signature Not Verified

Balapalli Ashok Babu
Date: 26-09-2026 14:58

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28/4
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