

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

REPORT OF PHYSICO CHEMICAL ANALYSIS OF WATER

Sample from	AKRG High School, Nidadavolu, East Godavari Dt, Pin:534301	Lab. Ref. No:	740
		Collected on	06-02-2026
		Received on	06-02-2026
Collected by	Self	Source Profile	Ro water

S. No	Parameter	Source / Sample		Limits as per IS 10500:2012	
		Tap water	Ro Water 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		6.9	6.5 – 8.5	No relaxation
5	Conductivity at 25 °C (Micro Mhos/ Cm)		140	...	
6	TDS (mg/L)		92	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 with in the desirable limits and satisfactory for drinking purpose.



C. L. ...
For: AKRG High School
Nidadavolu

Principal.

P. ... 9/2
Senior Analyst (Water)
Regional Laboratory
Medical College Campus
Guntur-4.

MANAGER
A.K.R.G. HIGH SCHOOL
NIDADAVOLU - 534 301, E.G. Dist., A.P.
AFFILIATION No.: 130511
SC No: 57214.

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:-AKRG High School,Nidadavolu,East Godavari Dt,Pin:534301.

Collected on: 06.02.2026

Received on : 06.02.2026

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	741	Tap water Ro water 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.



C. A. S.
For: **AKRG High School**
Nidadavole

Principal.

D. P. S.
Senior Analyst (Water),
Regional Laboratory
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[Signature]
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