

GOVERNMENT OF ANDHRAPRADESH  
DIRECTORATE OF I.P.M.PH.LABS, FOOD (H) ADMN, Gollapudi, Vijaywada.  
REGIONAL PUBLIC HEALTH LABORATORY, GUNTUR  
**REPORT OF PHYSICO CHEMICAL ANALYSIS OF WATER**

Sample from	P.V.Krishna Rao Memomrial Kumar E.M.School, Kothuru Village, Nuzvidu Mandal, Eluru Dt, Andhra Pradesh.	Lab. Ref. No:	3645
		Collected on	08.06.2023
		Received on	08.06.2023
Collected by	self	Source Profile	Ro Water

S. No	Parameter	Source / Sample Drinking water tap (Ro) at above address.	Limits as per IS 10500:2012	
			Desirable (Acceptable limit),	Permissible limit in the absence of alternative source
<b>Physical Parameters</b>				
1	Colour (Hazen units)	<5.0	5	15
2	Turbidity in NTUS''	0.1	1	5
3	Odour	Unobjectionable	Unobjectionable	Agreeable
4	pH	7.0	6.5 – 8.5	No relaxation
5	Conductivity at 25 °C (Micro Mhos/ Cm)	88	...	
6	TDS (mg/L)	59	500	2,000
<b>Chemical parameters (mg/L)</b>				
1	Alkalinity (as CaCO <sub>3</sub> )	Nil	...	
2	Total Alkalinity. Max	16	200	600
3	Total hardness max	20	300	600
4	Calcium hardness (as CaCO <sub>3</sub> )	12	..	
5	Magnesium hardness (as CaCO <sub>3</sub> )	8.0	..	
6	Calcium (as Ca)	5.0	75	200
7	Magnesium (as Mg)	2.0	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 parameters are within the desirable limits and Satisfactory for drinking purpose.



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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: P.V.Krishna Rao Memomrial Kumar E.M.School, Kothuru Village,  
Nuzvidu mandal, Eluru Dt, Andhra Pradesh.

Collected on: 08.06.2023

Received on: 08.06.2023

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	3646	Drinking water tap (Ro) 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.



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