

GOVERNMENT OF TELANGANA

DEPARTMENT OF WATER AND WASTE WATER EXAMINATION

Directorate of I.P.M.P.H. Labs, Food (H) Administration, Narayanaguda

REPORT OF BACTERIOLOGICAL ANALYSIS OF WATER

- 1. Sample From:** LN Urban School, Plot No. 1, 51, 13/Part and 14/Part, Sy. No. 110, 111, 112, 113, Mettakanigudem, Gajularamaram, Quthbullapur Mandal, Medchal-Malkajgiri Dist.
- 2. Collected by:** Party
- 3. Collected on :** 02-09-2026
- 4. Received on:** 09-09-2026

Lab. Ref. No.	Source / Sample	Exact Location	Residual Chlorine mg/L	Total Coliform bacteria (MPN Index) per 100 ml	Faecal Coliform bacteria per 100 ml	Escherichia coli per 100 ml	Result
9847	R.O. water	Direct R.O. water	Nil	Nil	Nil	Nil	Satisfactory
9848	R.O. water	Direct R.O. water				TPC at 37°C = 1 CFU/ml	Satisfactory

Remarks: The sample was submitted by the party and was not collected by laboratory personnel. Hence, the results pertain only to the sample as received. The laboratory does not take responsibility for the source, representativeness, or integrity of the sample.


Dy. Chief Water Analyst
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DEPARTMENT OF WATER AND WASTE WATER EXAMINATION

Directorate of I.P.M,P.H.Labs, Food (H) Administration, Narayanaguda, Hyderabad – 29.

REPORT OF PHYSICO CHEMICAL ANALYSIS OF WATER

Sample From		LN Urban School,	Collected by	Party	
Address		Plot No. 1, 51, 13/Part and 14/Part, Sy. No. 110, 111, 112, 113, Mettakanigudem, Gajularamaram, Quthbullapur Mandal,	Collected on	02-09-2026	
			Received on	09-09-2026	
District		Medchal- Malkajgiri Dist			
State		Telengana	Sample volume	2 ltr	
Source profile		R.O water	Sample ID	9849	
S.No	Parameter	Source / Sample ID		Drinking Water -Specification As per IS 10500 : 2012	
		R.O water / 9849		Requirement (Acceptable)	Permissible limit in the absence of alternative source
Physical parameters					
1	colour(Hazen),max	<5		5	15
2	Turbidity (NTU),max	0.6		1	5
3	Odour	UnObjectionable		UnObjectionable	UnObjectionable
4	Taste	Agreeable		Agreeable	Agreeable
5	p ^H	6.8		6.5 - 8.5	No relaxation
6	Electrical Conductivity at 25°C (Micro Mhos/cm)	183		....	....
7	TDS(mg/L),max	119		500	2000
Chemical parameters (mg/L)					
1	Alkalinity(as CaCO3),phenolphthalein ,max	Nil		...	...
2	Total alkalinity (as CaCO3) ,max	28		200	600
3	Total hardness (as CaCO3),max	38		200	600
4	Calcium hardness (as CaCO3),max	24		....	.....
5	Magnesium hardness (as CaCO3),max	14		....	.....
6	Calcium (as Ca),max	9.6		75	200
7	Magnesium (as Mg),max	3.4		30	100
8	Ammonical Nitrogen,max	Nil		....	....
9	Nitrite(as N),max	Nil		....	....
10	Nitrate(as N),max	Nil		45	No relaxation
11	Sulphate (as SO4),max	Nil		200	400
12	Chloride(as Cl),max	33		250	1000
13	Fluoride(as F),max	0.03		1.0	1.5
14	Iron (as Fe),max	Nil		0.3	No relaxation

Remarks:The given sample is physico chemically satisfactory .

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