

GOVERNMENT OF TELANGANA
DEPARTMENT OF WATER AND WASTE WATER EXAMINATION
Directorate of I.P.M,P.H.Labs, Food (II) Administration, Narayanaguda.

REPORT OF BACTERIOLOGICAL ANALYSIS OF WATER

1. Sample From: CMR School, Nadargul, Sy.No:462, 483, 484,
Balapur (M), Nadargul

2. Collected by: Party

3. Collected on : 11-05-2026

4.Received on: 11-05-2026

Lab. Ref. No.	Source	Exact location	Residual Chlorine mg per liter	Total coliform bacteria (MPN Index) per 100ml	Faecal coliform bacteria per 100ml	Esch. coli per 100ml	Result
7107	R.O water	Direct R.O water	....	Nil	...	...	Satisfactory
7108	R.O water (TPC)	Direct R.O water	Total Aerobic Bacterial Plate Count for 24 hrs at 37 ⁰ c = 2 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.


Secretary & Correspondent
CMR School Medchal


Dy. Chief Water Analyst


CMR SCHOOL
Sy. No. 462, 483, 484 & 547,
Nadargul (V), Balapur (M),
Ranga Reddy Dist.
Telanagana - 501510.

REPORT OF PHYSICO CHEMICAL ANALYSIS OF WATER

Sample From	CMR School	Collected by	Party	
Address	Nadargul, Sy No 462, 483, 484, Balapur (M), Nadargul	Collected on	11-05-2026	
District	Nadargul	Received on	11-05-2026	
State	Telangana	Sample volume	2 ltr	
Source profile	R.O water	Sample ID	7109	
S.No	Parameter	Source / Sample ID	Drinking Water -Specification As per IS 10500 :2012	
		R.O water / 7109	Requirement (Acceptable)	Permissible limit in the absence of alternative source
Physical parameters				
1	colour(Hazen),max	<5	5	15
2	Turbidity (NTU),max	0.42	1	5
3	Odour	UnObjectionable	UnObjectionable	UnObjectionable
4	Taste	Agreeable	Agreeable	Agreeable
5	p ^H	6.8		No relaxation
6	Electrical Conductivity at 25°C (Micro Mhos/cm)	156	....	....
7	TDS(mg/L),max	102	500	2000
Chemical parameters (mg/L)				
1	Alkalinity(as CaCO ₃),phenolphthalein ,max	Nil	...	...
2	Total alkalinity (as CaCO ₃),max	40	200	600
3	Total hardness (as CaCO ₃),max	24	200	600
4	Calcium hardness (as CaCO ₃),max	11	....	.....
5	Magnesium hardness (as CaCO ₃),max	13	....	.....
6	Calcium (as Ca),max	4.4	75	200
7	Magnesium (as Mg),max	3.1	30	100
8	Ammonical Nitrogen,max	Nil		....
9	Nitrite(as N),max	Nil	....	....
10	Nitrate(as N),max	0.4	45	No relaxation
11	Sulphate (as SO ₄),max	1	200	
12	Chloride(as Cl),max	10	250	1000
13	Fluoride(as F),max	0.24	1.0	1.5
14	Iron (as Fe),max	Nil	0.3	No relaxation

Remarks: The above sample is physico chemically satisfactory .

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.

Ch. R. J.

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