

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:** Wellspire School, Sy.No:45 P, 45/b3/a. Muneerabad road, Kandlakoya (V), Medchal- Malkajgiri Dist
- 2. Collected by:** Party
- 3. Collected on :** 29-08-2026 **4.Received on:** 29-08-2026

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
8947	R.O water	Direct R.O water	....	Nil	....	....	Satisfactory
8948	R.O water (TPC)	Direct R.O water	Total Aerobic Bacterial Plate Count for 24 hrs at 37 ⁰ 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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REPORT OF PHYSICO CHEMICAL ANALYSIS OF WATER

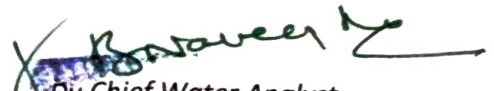
Sample From	Wellspire School,	Collected by	Party
Address	Sy.No:45 P, 45/b3/a. Muneerabad road, Kandlakoya (V), Medchal- Malkajgiri Dist	Collected on	29-08-2026
District	Medchal- Malkajgiri Dist	Received on	29-08-2026
State	Telangana	Sample volume	2 ltr
Source profile	R.O water	Sample ID	8949

S.No	Parameter	Source / Sample ID	Drinking Water -Specification As per IS 10500 : 2012	
		R.O water / 8949	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 CaCO ₃),phenolphthalein ,max	Nil	...	...
2	Total alkalinity (as CaCO ₃),max	28	200	600
3	Total hardness (as CaCO ₃),max	38	200	600
4	Calcium hardness (as CaCO ₃),max	24	....	.....
5	Magnesium hardness (as CaCO ₃),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 SO ₄),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 .
 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.


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