

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: Holy Spirit School, Pipe Line Rd, Jeedimetla(V), Qutubulla (M), Medchal Dist

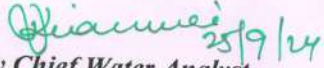
2. Collected by: Balaraju , PRO

3. Collected on : 19-09-2024

4. Received on: 19-09-2024

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
8675	R.O water	Direct R.O water collected at above address	...	Nil	...	...
8676	R.O water (TPC)	Direct R.O water collected at above address	Total Aerobic Bacterial Plate Count for 24 hrs at 37 ⁰ c = 1 CFU / ml			

Remarks: The above samples are bacteriologically satisfactory .


Dy. Chief Water Analyst
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Dept. of Water & Waste Water
Institute of Preventive Medicine
Public Health Labs & Food (H) Admin
Narayanaguda, Hyderabad-29.

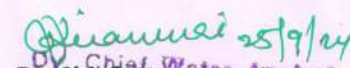
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REPORT OF PHYSICO CHEMICAL ANALYSIS OF WATER

Sample From	Holy Spirit School	Collected by	Balaraju , PRO
Address	Pipe Line Rd, Jeedimetla(V), Qutubulla (M), Medchal Dist	Collected on	19-09-2024
		Received on	19-09-2024
District	Medchal	Sample volume	2 ltr
State	Telangana	Sample ID	8677
Source profile	R.O water		

S.No	Parameter	Source / Sample ID	Drinking Water -Specification As per IS 10500 :2012	
		R.O water collected from above address / 8677	Requirement (Acceptable)	Permissible limit in the absence of alternative source
Physical parameters				
1	colour(Hazen),max	<5	5	15
2	Turbidity (NTU),max	1.24	1	5
3	Odour	UnObjectionable	UnObjectionable	UnObjectionable
4	Taste	Agreeable	Agreeable	Agreeable
5	p ^H	6.5	6.5 - 8.5	No relaxation
6	Electrical Conductivity at 25°C (Micro Mhos/cm)	217		
7	TDS(mg/L),max	141	500	2000
Chemical parameters (mg/L)				
1	Alkalinity(as CaCO ₃),phenolphthalein ,max	Nil	...	...
2	Total alkalinity (as CaCO ₃),max	23	200	600
3	Total hardness (as CaCO ₃),max	52	200	600
4	Calcium hardness (as CaCO ₃),max	27		
5	Magnesium hardness (as CaCO ₃),max	25		
6	Calcium (as Ca),max	10.8	75	200
7	Magnesium (as Mg),max	6.1	30	100
8	Ammonical Nitrogen,max	Nil		
9	Nitrite(as N),max	Nil		
10	Nitrate(as N),max	0.8	45	No relaxation
11	Sulphate (as SO ₄),max	1	200	400
12	Chloride(as Cl),max	24	250	1000
13	Fluoride(as F),max	0.17	1.0	1.5
14	Iron (as Fe),max	Nil	0.3	No relaxation

Remarks: The above sample is physico chemically satisfactory.


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