


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:** Shanti Niketan School, Bowrampet (Vi), Dundigal(M),
Medchal Malkajgiri Dist.
2. **Collected by:** Party
3. **Collected on :** 31-10-2025
4. **Received on:** 31-10-2025

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
9118	R.O water	R.O water collected at above address	...	Nil	...	...
9119	R.O water (TPC)	R.O water collected at above address	Total Aerobic Bacterial Plate Count for 24 hrs at 37 ^o c = 1 CFU / ml			

Remarks: The above samples are bacteriologically satisfactory.


D. Chief Water Analyst
Public Health Labs & Food (H) Admn.
Narayanaguda, Hyderabad-29. T S

GOVERNMENT OF TELANGANA

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	Shanti Niketan School,	Collected by	Party
Address	Bowrampet (Vi), Dundigal(M), Medchal Malkajgiri Dist.	Collected on	31-10-2025
		Received on	31-10-2025
District	Hyderabad	Sample volume	2 ltr
State	TS	Sample ID	9120
Source profile	R.O water		

S.No	Parameter	Source / Sample ID R.O water collected at above address / 9120	Drinking Water -Specification As per IS 10500 :2012	
			Requirement (Acceptable)	Permissible limit in the absence of alternative source
Physical parameters				
1	colour(Hazen),max	<5	5	15
2	Turbidity (NTU),max	1.16	1	5
3	Odour	UnObjectionable	UnObjectionable	UnObjectionable
4	Taste	Agreeable	Agreeable	Agreeable
5	p ^H	7.9	6.5 - 8.5	No relaxation
6	Electrical Conductivity at 25°C (Micro Mhos/cm)	105	....	....
7	TDS(mg/L),max	70	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	31	200	600
4	Calcium hardness (as CaCO ₃),max	16	....	.....
5	Magnesium hardness (as CaCO ₃),max	15	....	.....
6	Calcium (as Ca),max	6.4	75	200
7	Magnesium (as Mg),max	3.66	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	
12	Chloride(as Cl),max	10	250	1000
13	Fluoride(as F),max	0.06	1.0	1.5
14	Iron (as Fe),max	Nil	0.3	No relaxation

Remarks: The given sample is physico chemically satisfactory.

P. Vijaya Lakshmi

Dy.Chief Water Analyst
Directorate of Preventive Medicine,
Public Health Labs & Food Inspection,
Narayanaguda, Hyderabad-29, T.G.