

(10)

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: Grace Childrens School, Koheda(Vill), Abdullapurmet (Old), Rangareddy Dist .
2. Collected by: Self
3. Collected on : 09-10-2025
- 4.Received on:09-10-2025

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
8832	R.O water	R.O water at given address	...	11	Absent	Absent
8833	R.O water (TPC)	R.O water at given address	Total Aerobic Bacterial Plate Count for 24 hrs at 37 ⁰ c = 41 CFU / ml			

Remarks:The above samples are bacteriologically unsatisfactory due to presence of coliform bacteria .


Dy.Chief Water Analyst

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		Grace Childrens School	Collected by	Self
Address		Koheda(Vill), Abdullapurmet (Old), Rangareddy Dist .	Collected on	09-10-2025
			Received on	09-10-2025
District		Rangareddy Dist .		
State		TS	Sample volume	2 ltr
Source profile		R.O water	Sample ID	8834
S.No	Parameter	Source / Sample ID		Drinking Water -Specification As per IS 10500 :2012
		R.O water collected at given address / 8834		Requirement (Acceptable) Permissible limit in the absence of alternative source
Physical parameters				
1	colour(Hazen),max	<5		5 15
2	Turbidity (NTU),max	0.60		1 5
3	Odour	UnObjectionable		UnObjectionable UnObjectionable
4	Taste	Agreeable		Agreeable Agreeable
5	p ^H	7.1		6.5 - 8.5 No relaxation
6	Electrical Conductivity at 25°C (Micro Mhos/cm)	223	
7	TDS(mg/L),max	145		500 2000
Chemical parameters (mg/L)				
1	Alkalinity(as CaCO3),phenolphthalein ,max	Nil	
2	Total alkalinity (as CaCO3) ,max	42		200 600
3	Total hardness (as CaCO3),max	20		200 600
4	Calcium hardness (as CaCO3),max	10	
5	Magnesium hardness (as CaCO3),max	10	
6	Calcium (as Ca),max	4.0		75 200
7	Magnesium (as Mg),max	2.44		30 100
8	Ammonical Nitrogen,max	Nil	
9	Nitrite(as N),max	Nil	
10	Nitrate(as N),max	2.0		45 No relaxation
11	Sulphate (as SO4),max	1.0		200 400
12	Chloride(as Cl),max	31		250 1000
13	Fluoride(as F),max	0.18		1.0 1.5
14	Iron, (as Fe),max	Nil		0.3 No relaxation

Remarks: The given sample is physico chemically satisfactory .

E. uifayalahr
Dy.Chief Water Analyst