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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°C = 41 CFU / ml			

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

E.vijayalakshmi
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	
District	Rangareddy Dist .	Received on	09-10-2025	
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	
			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	pH	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 CaCO ₃),phenolphthalein ,max	Nil	...	...
2	Total alkalinity (as CaCO ₃),max	42	200	600
3	Total hardness (as CaCO ₃),max	20	200	600
4	Calcium hardness (as CaCO ₃),max	10	....	.....
5	Magnesium hardness (as CaCO ₃),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 SO ₄),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 .



Dy. Chief Water Analyst