

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: Podar International School , Hayath Nagar , Hyderabad.

2. Collected by: Mr.Ranjit (Sample Collected by Party)

3. Collected on : 18-03-2026

4.Received on: 18-03-2026

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
6098	R.O water	Direct R.O plant water	....	Nil	...	...	Satisfactory
6099	R.O water	Direct R.O plant water	Total Aerobic Bacterial Plate Count for 24 hrs at 37 ⁰ c = 16 CFU / ml				Satisfactory

[Signature]
Dy. Chief Water Analyst
Directorate of Institute of Preventive Medicine
PH Labs & Food (H) Administration
Narayanaguda, Hyderabad

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PRINCIPAL
PODAR SCHOOL
Sy.No. 27, Near Sri Sai Nagar Colony,
Phase-II, Anmagal, Hayathnagar,
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CORRESPONDENT
PODAR SCHOOL
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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

REPORT OF PHYSICO CHEMICAL ANALYSIS OF WATER				
Sample From		Podar International School	Collected by Mr.Ranjit (Sample Collected by Party)	
Address		Hayath Nagar , Hyderabad.	Collected on 18-03-2026	
District		Hyderabad.	Received on 18-03-2026	
State		TS	Sample volume 2 ltr	
Source profile		R.O water	Sample ID 6100	
S.No	Parameter	Source / Sample ID	Drinking Water -Specification As per IS 10500 :2012	
		R.O water / 6100	Requirement (Acceptable)	Permissible limit in the absence of alternative source
Physical parameters				
1	colour(Hazen),max	<5	5	15
2	Turbidity (NTU),max	0.30	1	5
3	Odour	UnObjectionable	UnObjectionable	UnObjectionable
4	Taste	Agreeable	Agreeable	Agreeable
5	p ^H	6.3	6.5 - 8.5	No relaxation
6	Electrical Conductivity at 25°C (Micro Mhos/cm)	190	....	....
7	TDS(mg/L),max	124	500	2000
Chemical parameters (mg/L)				
1	Alkalinity(as CaCO3) ,phenolphthalein ,max	Nil	...	...
2	Total alkalinity (as CaCO3) ,max	32	200	600
3	Total hardness (as CaCO3),max	52	200	600
4	Calcium hardness (as CaCO3),max	28	....	.....
5	Magnesium hardness (as CaCO3),max	24	....	.....
6	Calcium (as Ca),max	11.2	75	200
7	Magnesium (as Mg),max	5.8	30	100
8	Ammonical Nitrogen,max	Nil		....
9	Nitrite(as N),max	Nil	....	....
10	Nitrate(as N),max	0.2	45	No relaxation
11	Sulphate (as SO4),max	2	200	
12	Chloride(as Cl),max	20	250	1000
13	Fluoride(as F),max	0.13	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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