

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	Azra Public School,	Collected by	Mr. Syed Murtuza , Clerk
Address	# 10-2-510/1, Asif Nagar, Medipatnam main road , Hyd .	Collected on	13-04-2026
District	Hyd	Received on	13-04-2026
State	TS	Sample volume	2 ltr
Source profile	R.O Water	Sample ID	6597

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		R.O Water / 6597		
1	colour(Hazen),max	<5	5	15
2	Turbidity (NTU),max	0.32	1	5
3	Odour	UnObjectionable	UnObjectionable	UnObjectionable
4	Taste	Agreeable	Agreeable	Agreeable
5	p ^H	6.8	6.5 - 8.5	No relaxation
6	Electrical Conductivity at 25°C (Micro Mhos/cm)	436	....	....
7	TDS(mg/L),max	284	500	2000
Chemical parameters (mg/L)				
1	Alkalinity(as CaCO ₃),phenolphthalein ,max	Nil	...	...
2	Total alkalinity (as CaCO ₃),max	60	200	600
3	Total hardness (as CaCO ₃),max	144	200	600
4	Calcium hardness (as CaCO ₃),max	88	....	.....
5	Magnesium hardness (as CaCO ₃),max	56	....	.....
6	Calcium (as Ca),max	35.2	75	200
7	Magnesium (as Mg),max	13.6	30	100
8	Ammonical Nitrogen,max	Nil		....
9	Nitrite(as N),max	Nil	....	....
10	Nitrate(as N),max	0.1	45	No relaxation
11	Sulphate (as SO ₄),max	1	200	
12	Chloride(as Cl),max	24	250	1000
13	Fluoride(as F),max	0.16	1.0	1.5
14	Iron (as Fe),max	Nil	0.3	No relaxation

Remarks: The above sample is physico chemically satisfactory .

The sample was submitted by the party and was not collected by laboratory personnel. Hence, the results pertain only to the sample as received. The laboratory does not take responsibility for the source, representativeness, or integrity of the sample.


Dy. Chief Water Analyst

GOVERNMENT OF TELANGANA
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REPORT OF BACTERIOLOGICAL ANALYSIS OF WATER

1. Sample From: Azra Public School, # 10-2-510/1, Asif Nagar,
Medipatnam main road , Hyd .

2. Collected by: Mr. Syed Murtuza , Clerk

3. Collected on : 13-04-2026

4. Received on: 13-04-2026

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
6595	R.O water	Direct R.O water	....	Nil	...	...	Satisfactory
6596	R.O water (TPC)	Direct R.O water	Total Aerobic Bacterial Plate Count for 24 hrs at 37 ⁰ c = 4 CFU / ml				Satisfactory

Remarks: The sample was submitted by the party and was not collected by laboratory personnel. Hence, the results pertain only to the sample as received. The laboratory does not take responsibility for the source, representativeness, or integrity of the sample.


Dy. Chief Water Analyst