

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	Howard Public School,	Collected by	Rohit
Address	# 3-6-568, St No: 8, Himayath Nagar , Hyd	Collected on	09-10-2024
		Received on	09-10-2024
District	Hyd	Sample volume	2 ltr
State	Telangana	Sample ID	8940
Source profile	Metro water		

S.No	Parameter	Source / Sample ID	Drinking Water -Specification As per IS 10500 :2012	
			Requirement (Acceptable)	Permissible limit in the absence of alternative source
		Direct Metro water / 8940		

Physical parameters				
1	colour(Hazen),max	<5	5	15
2	Turbidity (NTU),max	4.36	1	5
3	Odour	UnObjectionable	UnObjectionable	UnObjectionable
4	Taste	Agreeable	Agreeable	Agreeable
5	p ^H	8.1	6.5 - 8.5	No relaxation
6	Electrical Conductivity at 25°C (Micro Mhos/cm)	587	....	....
7	TDS(mg/L),max	382	500	2000

Chemical parameters (mg/L)				
1	Alkalinity(as CaCO3),phenolphthalein ,max	Nil	...	...
2	Total alkalinity (as CaCO3) ,max	132	200	600
3	Total hardness (as CaCO3),max	180	200	600
4	Calcium hardness (as CaCO3),max	92	....	.....
5	Magnesium hardness (as CaCO3),max	88	....	.....
6	Calcium (as Ca),max	36.8	75	200
7	Magnesium (as Mg),max	21.5	30	100
8	Ammonical Nitrogen,max	Nil	....	....
9	Nitrite(as N),max	Nil	....	....
10	Nitrate(as N),max	2.9	45	No relaxation
11	Sulphate (as SO4),max	4	200	400
12	Chloride(as Cl),max	56	250	1000
13	Fluoride(as F),max	0.45	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
 Dept. of Water & Waste Water /
 Institute of Preventive Medicine
 Public Health Labs & Food (H) Administration
 Narayanaguda, Hyderabad-29.