

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		Sri Akshara Vidyalaya High School	Collected by	Sampath
Address		H.No:15-3-74/1, Malkapur Shivar , Godavari Khani	Collected on	20-03-2025
District		Peddapally Dist	Received on	20-03-2025
State		.....	Sample volume	2 ltr
Source profile		R.O water	Sample ID	6058
S.No	Parameter	Source / Sample ID	Requirement (Acceptable)	Permissible limit in the absence of alternative source
		R.O water collected from above address / 6058		
Physical parameters				
1	colour(Hazen),max	<5	5	15
2	Turbidity (NTU),max	0.9	1	5
3	Odour	UnObjectionable	UnObjectionable	UnObjectionable
4	Taste	Agreeable	Agreeable	Agreeable
5	p ^H	6.2	6.5 - 8.5	No relaxation
6	Electrical Conductivity at 25°C (Micro Mhos/cm)	112	....	....
7	TDS(mg/L),max	72.8	500	2000
Chemical parameters (mg/L)				
1	Alkalinity(as CaCO3) ,phenolphthalein ,max	Nil	...	...
2	Total alkalinity (as CaCO3) ,max	21	200	600
3	Total hardness (as CaCO3),max	23	200	600
4	Calcium hardness (as CaCO3),max	16	....	.....
5	Magnesium hardness (as CaCO3),max	7	....	.....
6	Calcium (as Ca),max	6.4	75	200
7	Magnesium (as Mg),max	1.4	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 SO4),max	Nil	200	400
12	Chloride(as Cl),max	13	250	1000
13	Fluoride(as F),max	Nil	1.0	1.5
14	Iron (as Fe),max	Nil	0.3	No relaxation

Remarks: Except pH, the above analysed parameters are within the limits. Maintain Standard pH by servicing R.O plant.

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