


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		PALLAVI School,		Collected by		Mr. Harish	
Address		Sy.No: 72/E/2, 77, 73/EE/2, 71/A, 79/AA/A, 79/A Mallampet Village, Dundigal, Gandimaisamma		Collected on		11-04-2025	
				Received on		15-04-2025	
District		Medchal Dist .					
State		Telangana		Sample volume		2 ltr	
Source profile		R.O water		Sample ID		7715	
S.No	Parameter		Source / Sample ID			Drinking Water -Specification As per IS 10500 :2012	
			Direct R.O water, / 6719			Requirement (Acceptable)	Permissible limit in the absence of alternative source
Physical parameters							
1	colour(Hazen),max		<5			5	15
2	Turbidity (NTU),max		1.53			1	5
3	Odour		Un-Objectionable			Un-Objectionable	Un-Objectionable
4	Taste		Agreeable			Agreeable	Agreeable
5	p ^H		7.2			6.5 - 8.5	No relaxation
6	Electrical Conductivity at 25°C (Micro Mhos/cm)		158			....	....
7	TDS(mg/L),max		104			500	2000
Chemical parameters (mg/L)							
1	Alkalinity(as CaCO3),phenolphthalein ,max		Nil			...	...
2	Total alkalinity (as CaCO3) ,max		27			200	600
3	Total hardness ,max (as CaCO3)		24			200	600
4	Calcium hardness (as CaCO ₃),max		14			....	.....
5	Magnesium hardness (as CaCO ₃),max		14			....	.....
6	Calcium (as Ca),max		5.6			75	200
7	Magnesium (as Mg),max		3.3			30	100
8	Ammonical Nitrogen,max		Nil			....	....
9	Nitrite(as N),max		Nil			....	....
10	Nitrate(as N),max		1.2			45	No relaxation
11	Sulphate (as SO ₄),max		Nil			200	400
12	Chloride(as Cl),max		21			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 for drinking purpose.



Dy.Chief Water Analyst