

GOVERNMENT OF TELANGANA
DEPARTMENT OF WATER AND WASTE WATER EXAMINATION
Directorate of L.P.M,P.H.Labs, Food (H) Administration, Narayanaguda.

REPORT OF BACTERIOLOGICAL ANALYSIS OF WATER

1. Sample From: Orchids The School, Sy.No:46 to 60,
Mailardevpally,Rajendernagar(M) Ranga Reddy
District.

2. Collected by: Mujahed Ali Khan Farooqui

3. Collected on : 06-04-2026

4.Received on: 06-04-2026

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
6382	R.O water	Direct R.O water		Nil	...	...	Satisfactory
6383	R.O water (TPC)	Direct R.O water	Total Aerobic Bacterial Plate Count for 24 hrs at 37°C = ≤ 1 CFU / ml				Satisfactory

Mujahed Ali Khan Farooqui 15/04/26
Dy.Chief Water Analyst

Low
PRINCIPAL
ORCHIDS THE SCHOOL
Mailardevpally (v)
Rajendra Nagar Mandal
Rangareddy District.

For SPARSH EDUCATIONAL SOCIETY

SP
President / Vice President

GOVERNMENT OF TELANGANA				
DEPARTMENT OF WATER AND WASTE WATER EXAMINATION				
Directorate of L.P.M.P.H.Labs, Food (H) Administration, Narayanaguda, Hyderabad - 29.				
REPORT OF PHYSICO CHEMICAL ANALYSIS OF WATER				
Sample From	Orchids The School,	Collected by	Mujahed Ali Khan Farooqui	
Address	Sy.No:46 to 60, Mailardevpally,Rajendernagar(M) Ranga Reddy District.	Collected on	06-04-2026	
District	Ranga Reddy	Received on	06-04-2026	
State	TS	Sample volume	2 ltr	
Source profile	R.O water	Sample ID	6384	
S.No	Parameter	Source / Sample ID	Drinking Water -Specification As per IS 10500 :2012	
		R.O water / 6384	Requirement (Acceptable)	Permissible limit in the absence of alternative source
Physical parameters				
1	colour(Hazen),max	<5	5	15
2	Turbidity (NTU),max	0.10	1	5
3	Odour	UnObjectionable	UnObjectionable	UnObjectionable
4	Taste	Agreeable	Agreeable	Agreeable
5	p ^H	6.4	6.5 - 8.5	No relaxation
6	Electrical Conductivity at 25°C (Micro Mhos/cm)	171	---	---
7	TDS(mg/L),max	112	500	2000
Chemical parameters (mg/L)				
1	Alkalinity(as CaCO ₃),phenolphthalein ,max	Nil	---	---
2	Total alkalinity (as CaCO ₃),max	20	200	600
3	Total hardness (as CaCO ₃),max	54	200	600
4	Calcium hardness (as CaCO ₃),max	24	---	---
5	Magnesium hardness (as CaCO ₃),max	30	---	---
6	Calcium (as Ca),max	9.6	75	200
7	Magnesium (as Mg),max	7.32	30	100
8	Ammonical Nitrogen,max	Nil	---	---
9	Nitrite(as N),max	Nil	45	No relaxation
10	Nitrate(as N),max	Nil	200	---
11	Sulphate (as SO ₄),max	28	250	1000
12	Chloride(as Cl),max	Nil	1.0	1.5
13	Fluoride(as F),max	Nil	0.3	No relaxation
14	Iron (as Fe),max	Nil	---	---

Remarks: Water sample was submitted by the party and not collected by laboratory personnel. Hence the results pertain only to the sample as received. Laboratory doesn't take responsibility for the source, representativeness (or) integrity of the sample.

Principal
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Mailardevpally (M)
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