

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:164/P1 & 166, Kuntloor
(Vill) , Abdullapurmet(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
6379	R.O water	R.O water		Nil	...	...	Satisfactory
6380	R.O water (TPC)	R.O water	Total Aerobic Bacterial Plate Count for 24 hrs at 37 ⁰ c = ≤1 CFU / ml				Satisfactory


Dy. Chief Water Analyst

REPORT OF PHYSICO CHEMICAL ANALYSIS OF WATER					
Sample From		Orchids The School,		Collected by	Mujahed Ali Khan Farooqui
Address		Sy.No:164/P1 & 166, Kuntloor (VIII) , Abdullapurmet(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	6381
S.No	Parameter	Source / Sample ID		Drinking Water -Specification As per IS 10500 :2012	
		R.O water / 6381		Requirement (Acceptable)	Permissible limit in the absence of alternative source
Physical parameters				5	15
1	colour(Hazen),max	<5		1	5
2	Turbidity (NTU),max	0.07		UnObjectionable	UnObjectionable
3	Odour	UnObjectionable		Agreeable	Agreeable
4	Taste	Agreeable		6.5 - 8.5	No relaxation
5	p ^H	6.6			
6	Electrical Conductivity at 25°C (Micro Mhos/cm)	170		500	2000
7	TDS(mg/L),max	111			
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	58		200	600
4	Calcium hardness (as CaCO ₃),max	32			
5	Magnesium hardness (as CaCO ₃),max	26			
6	Calcium (as Ca),max	12.8		75	200
7	Magnesium (as Mg),max	6.3		30	100
8	Ammonical Nitrogen,max	Nil			
9	Nitrite(as N),max	Nil			
10	Nitrate(as N),max	Nil		45	No relaxation
11	Sulphate (as SO ₄),max	Nil		200	
12	Chloride(as Cl),max	28		250	1000
13	Fluoride(as F),max	Nil		1.0	1.5
14	Iron (as Fe),max	Nil		0.3	No relaxation

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 .

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