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

REPORT OF BACTERIOLOGICAL ANALYSIS OF WATER

1. Sample From: Orchids The School, Sy.No:62/4 & 62/5, Turkapally (V), Alwal (M) Medchal-Malkajgiri 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
6385	R.O water	Direct R.O water	....	Nil	...	...	Satisfactory
6386	R.O water (TPC)	Direct R.O water	Total Aerobic Bacterial Plate Count for 24 hrs at 37^0c = ≤1 CFU / ml				Satisfactory

15/04/26

Dy.Chief Water Analyst

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	Orchids The School,	Collected by	Mujahed Ali Khan Farooqui
Address	Sy.No:62/4 & 62/5, Turkapally (V), Alwal (M) Medchal-Malkajgiri District.	Collected on	06-04-2026
		Received on	06-04-2026
District	Medchal-Malkajgiri		
State	TS	Sample volume	2 ltr
Source profile	R.O water	Sample ID	6387

S.No	Parameter	Source / Sample ID	Drinking Water -Specification As per IS 10500 :2012	
		R.O water / 6387	Requirement (Acceptable)	Permissible limit in the absence of alternative source
Physical parameters				
1	colour(Hazen),max	<5	5	15
2	Turbidity (NTU),max	0.16	1	5
3	Odour	UnObjectionable	UnObjectionable	UnObjectionable
4	Taste	Agreeable	Agreeable	Agreeable
5	P^H	6.8	6.5 - 8.5	No relaxation
6	Electrical Conductivity at 25°C (Micro Mhos/cm)	170	....	....
7	TDS(mg/L),max	111	500	2000
Chemical parameters (mg/L)				
1	Alkalinity(as CaCO3) ,phenolphthalein ,max	Nil	...	...
2	Total alkalinity (as CaCO3) ,max	20	200	600
3	Total hardness (as CaCO3),max	54	200	600
4	Calcium hardness (as $CaCO_3$),max	28	....	.....
5	Magnesium hardness (as $CaCO_3$),max	26	....	.....
6	Calcium (as Ca),max	11.2	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	32	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 does'nt take resposiiblity for the source , representativesness (or)integrity of the sample .

15/04/26

Dy.Chief Water Analyst