

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:** Sanctus World School, B.N Reddy Nagar, R.R Dist.

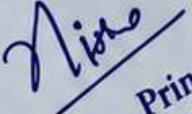
2. **Collected by:** R.Shivaiah, Gardener (Samples collected by Party)

3. **Collected on :** 17-06-2026

4. **Received on:** 17-06-2026

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
8231	Borewell water	Borewell water collected at above address	-----	Nil	-----	-----	Satisfactor
8233	R.O water	R.O plant water collected at above address	-----	Nil	-----	-----	Satisfactor
8234	R.O water(IPC)	R.O plant water collected at above address	Total Aerobic Bacterial Plate Count for 24 hrs at 37°C = 1 CFU / ml				Satisfactor

Dy.Chief Water Analys


Principal
Sanctus World School
B.N. Reddy Nagar, Hyderabad.


School Manager
SANCTUS WORLD SCHOOL
B N Reddy Nagar, Hyderabad

REPORT OF PHYSICO CHEMICAL ANALYSIS OF WATER

Sample From	Sanctus World School,	Collected by	R.Shivaiah, Gardener (Samples collected by Party)
Address	B.N Reddy Nagar, R.R Dist.	Collected on	17-06-2026
District	Hyderabad	Received on	17-06-2026
State	TS	Sample volume	2 ltr
Source profile	Borewell water / R.O water	Sample ID	8232 / 8235

S.No	Parameter	Source / Sample ID		Drinking Water -Specification As per IS 10500 :2012	
		Borewell water collected at above address / 8232	Direct R.O water collected at above address / 8235	Requirement (Acceptable)	Permissible limit in the absence of alternatives source

Physical parameters

1	colour(Hazen),max	<5	<5	5	15
2	Turbidity (NTU),max	1.10	0.39	1	5
3	Odour	UnObjectionable	UnObjectionable	UnObjectionable	UnObjectionable
4	Taste	Agreeable	Agreeable	Agreeable	Agreeable
5	pH	7.5	6.5	6.5 - 8.5	No relaxation
6	Electrical Conductivity at 25°C (Micro Mhos/cm)	992	103	...	
7	TDS(mg/L),max	655	67	500	2000

Chemical parameters (mg/L)

1	Alkalinity(as CaCO3),phenolphthalein ,max	Nil	Nil	...	...
2	Total alkalinity (as CaCO3) ,max	280	27	200	600
3	Total hardness (as CaCO3),max	304	15	200	600
4	Calcium hardness (as CaCO3),max	196	9	...	...
5	Magnesium hardness (as CaCO3),max	108	6	...	...
6	Calcium (as Ca),max	78.4	3.6	75	200
7	Magnesium (as Mg),max	26.3	1.4	30	100
8	Ammonical Nitrogen,max	Nil	Nil	...	...
9	Nitrite(as N),max	Nil	Nil	...	...
10	Nitrate(as N),max	5.6	1.4	45	No relaxation
11	Sulphate (as SO4),max	4	Nil	200	400
12	Chloride(as Cl),max	64	11	250	1000
13	Fluoride(as F),max	1.20	0.03	1.0	1.5
14	Iron (as Fe),max	Nil	Nil	0.3	No relaxation

Remarks: The sample with Lab Ref No: 8232 are physico chemically unsatisfactory as total hardness & fluoride values are above acceptable limit.

The sample with Lab Ref No: 8235 are physico chemically satisfactory.

(Signature)
Principal
 Sanctus World School
 B.N. Reddy Nagar, Hyderabad.

(Signature)
School Manager
 SANCTUS WORLD SCHOOL
 B N Reddy Nagar, Hyderabad