

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:** Sri Chaitanya School, S.No:716 /A/1, 717 , 718/1/1/1, 719/A2/1, Adibatla (V), Ibrahimpatnam, Rangareddy (Dist), TG.
- 2. Collected by:** Party
- 3. Collected on :** 22-09-2026 **4.Received on:**22-09-2026

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
9356	Borewell water	Direct Borewell water	....	Nil	....	....	Satisfactory
9358	R.O water	Direct R.O water	....	75	Absent	Absent	
9359	R.O water (TPC)	Direct R.O water	Total Aerobic Bacterial Plate Count for 24 hrs at 37 ⁰ c = 2 CFU / ml				

Remarks:R.O Plant to be serviced

The sample was submitted by the party and was not collected by laboratory personnel. Hence, the results pertain only to the sample as received. The laboratory does not take responsibility for the source, representativeness, or integrity of the sample.


Dy. Chief Water Analyst
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Dept. of Water & Waste Water A
Institute of Preventive Medicine
Public Health Labs & Food (H) Admin
Narayanaguda, Hyderabad-29

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REPORT OF PHYSICO CHEMICAL ANALYSIS OF WATER

Sample From	Sri Chaitanya School	Collected by	Party
Address	S.No:716 /A/1, 717 , 718/1/1/1, 719/A2/1, Adibatla (V), Ibrahimpatnam, Rangareddy (Dist), TG.	Collected on	22-09-2026
		Received on	22-09-2026
District	.....		
State	Telangana	Sample volume	2 ltr
Source profile	Borewell water / R.O water	Sample ID	9357 / 9360

S.No	Parameter	source /sample id		Drinking Water -Specification As per IS 10500 :2012	
		Direct Borewell / 9357	R.O water / 9360	Requirement (Acceptable)	Permissible limit in the absence of alternative source
Physical parameters					
1	colour(Hazen),max	<5	<5	5	15
2	Turbidity (NTU),max	1.8	0.8	1	5
3	Odour	UnObjectionable	UnObjectionable	UnObjectionable	UnObjectionable
4	Taste	Agreeable	Agreeable	Agreeable	Agreeable
5	p ^H	7.7	8.0	6.5 - 8.5	No relaxation
6	Electrical Conductivity at 25°C (Micro Mhos/cm)	1021	99	....	....
7	TDS(mg/L),max	689	65	500	2000
Chemical parameters (mg/L)					
1	Alkalinity(as CaCO3),phenolphthalein ,max	Nil	Nil	...	...
2	Total alkalinity (as CaCO3) ,max	200	26	200	600
3	Total hardness (as CaCO3),max	200	22	200	600
4	Calcium hardness (as CaCO3),max	148	18	....	.....
5	Magnesium hardness	28	4	....	.....
6	Calcium (as Ca),max	59.2	7.2	75	200
7	Magnesium (as Mg),max	37.4	0.96	30	100
8	Ammonical Nitrogen,max	Nil	Nil	....	....
9	Nitrite(as N),max	Nil	Nil	....	....
10	Nitrate(as N),max	6.8	Nil	45	No relaxation
11	Sulphate (as SO4),max	10	Nil	200	400
12	Chloride(as Cl),max	80	15	250	1000
13	Fluoride(as F),max	1.38	Nil	1.0	1.5
14	Iron (as Fe),max	Nil	Nil	0.3	No relaxation

Remarks: The sample with Lab Ref No: 9357 is Physico chemically satisfactory.

The sample with Lab Ref No: 9360 is Physico chemically satisfactory.


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