

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: Euro School, Sy.No:54 near Quality pearl in, Gachibowli, Serlingampally, R R Dist .

2. Collected by: Mr.Sathyanarayana

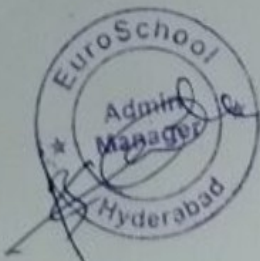
3. Collected on : 19-05-2025

4.Received on: 19-05-2025

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
6945	Borewell water	Direct Borewell water		Nil			Satisfactory
6946	R.O water	Direct R.O plant water		Nil			Satisfactory
6947	R.O water (TPC)	Direct R.O plant water	Total Aerobic Bacterial Plate Count for 24 hrs at 37 ⁰ c = 1 CFU / ml				Satisfactory

E. Chalapala
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Institute of Preventive Medicine
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Narayanaguda, Hyderabad-29, T.S.



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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	Euro School,	Collected by	Mr.Sathyanarayana
Address	Sy.No:54 near Quality pearl in, Gachibowli, Serlingampally, R Dist	Collected on	12-05-2025
		Received on	12-05-2025
District	R R Dist	Sample volume	2 ltr
State	TS	Sample ID	6831 / 6834
Source profile	Borewell water / R.O water		

S.No	Parameter	Source / Sample ID		Drinking Water -Specification As per IS 10500 :2012	
		Direct Borewell water/ 6831	Direct R.O water / 6834	Requirement (Acceptable)	Permissible limit in the absence of alternative source

Physical parameters					
1	colour(Hazen),max	<5	<5	5	15
2	Turbidity (NTU),max	0.81	0.86	1	5
3	Odour	UnObjectionable	UnObjectionable	UnObjectionable	UnObjectionable
4	Taste	Agreeable	Agreeable	Agreeable	Agreeable
5	p ^H	7.6	7.3	6.5 - 8.5	No relaxation
6	Electrical Conductivity at 25°C (Micro Mhos/cm)	755	250		
7	TDS(mg/L),max	491	163	500	2000

Chemical parameters (mg/L)					
1	Alkalinity(as CaCO ₃),phenolphthalein ,max	Nil	Nil	...	...
2	Total alkalinity (as CaCO ₃),max	168	32	200	600
3	Total hardness (as CaCO ₃),max	200	80	200	600
4	Calcium hardness (as CaCO ₃),max	128	40		
5	Magnesium hardness (as CaCO ₃),max	72	40		
6	Calcium (as Ca),max	51.2	16.0	75	200
7	Magnesium (as Mg),max	17.5	9.76	30	100
8	Ammonical Nitrogen,max	Nil	Nil		
9	Nitrite(as N),max	Nil	Nil		
10	Nitrate(as N),max	0.7	Nil	45	No relaxation
11	Sulphate (as SO ₄),max	7	2	200	400
12	Chloride(as Cl),max	84	36	250	1000
13	Fluoride(as F),max	0.62	0.28	1.0	1.5
14	Iron (as Fe),max	Nil	Nil	0.3	No relaxation

Remarks:The sample with Lab Ref No: 6831 is physico chemically satisfactory . Analysed parameters reveals that the water is metro water.

The sample with Lab Ref No: 6834 is physico chemically satisfactory .



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