

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: Ryan School, Sy.No: 65,71 & 72, Kompally,
Medchal -Malkajgiri (Dist)

2. Collected by: Party

3. Collected on : 15-09-2026

4.Received on: 15-09-2026

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
9200	Bubble water Can	Direct R.O water		Nil			Satisfactory
9201	Bubble water (TPC)	Direct R.O water	Total Aerobic Bacterial Plate Count for 24 hrs at 37 ⁰ c = 10 CFU / ml				Satisfactory

Remarks: 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


PRINCIPAL
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REPORT OF PHYSICO CHEMICAL ANALYSIS OF WATER

Sample From	Ryan School,	Collected by	Party
Address	Sy.No: 65,71 & 72, Kompally, Medchal -Malkajgiri (Dist)	Collected on	15-09-2026
		Received on	15-09-2026
District	Medchal -Malkajgiri (Dist)	Sample volume	2 ltr
State	TG	Sample ID	9202
Source profile	Bubble water		

S.No	Parameter	Source / Sample ID Bubble water / 9202 <i>Can</i>	Drinking Water -Specification As per IS 10500 : 2012	
			Requirement (Acceptable)	Permissible limit in the absence of alternative source
Physical parameters				
1	colour(Hazen),max	<5	5	15
2	Turbidity (NTU),max	0.17	1	5
3	Odour	Unobjectionable	Unobjectionable	Unobjectionable
4	Taste	Agreeable	Agreeable	Agreeable
5	p ^H	8.2	6.5 - 8.5	No relaxation
6	Electrical Conductivity at 25°C (Micro Mhos/cm)	97		
7	TDS(mg/L),max	64	500	2000
Chemical parameters (mg/L)				
1	Alkalinity(as CaCO ₃) ,phenolphthalein ,max	Nil	...	...
2	Total alkalinity (as CaCO ₃) ,max	8	200	600
3	Total hardness (as CaCO ₃),max	24	200	600
4	Calcium hardness (as CaCO ₃),max	21		
5	Magnesium hardness (as CaCO ₃),max	3		
6	Calcium (as Ca),max	8.4	75	200
7	Magnesium (as Mg),max	0.72	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	2	200	400
12	Chloride(as Cl),max	14	250	1000
13	Fluoride(as F),max	0.23	1.0	1.5
14	Iron (as Fe),max	Nil	0.3	No relaxation

Remarks: The above sample is Physico chemically Satisfactory.

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