

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: M.Anil Kumar(DEE), TSMSIDC,Medchal -Malkajgiri Dist.

2. Collected by: Bheemanna (Tech.Asst)

3. Collected on : 10.02.2024

4.Received on : 10.02.2024

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
5554	Metro water	Direct Metro water collected at Gandhi Hospital, I P Block	Nil

Remarks: The given sample is bacteriologically satisfactory.


20/2/2024
Dy.Chief Water Analyst

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REPORT OF PHYSICO CHEMICAL ANALYSIS OF WATER

Sample From		M.Anil Kumar(DEE), TSMSIDC,	Collected by	Bheemanna (Tech.Asst)	
Address		Medchal -Malkajiri Dist.	Collected on	10.02.2024	
District		Medchal -Malkajiri	Received on	10.02.2024	
State		Telangana	Sample volume	2 ltr	
Source profile		Metro water	Sample ID	5555	
S.No	Parameter	Source / Sample ID		Drinking Water -Specification As per IS 10500 :2012	
		Metro water collected at above address / 5555		Requirement (Acceptable)	Permissible limit in the absence of alternative source
Physical parameters					
1	colour(Hazen),max	<5		5	15
2	Turbidity (NTU),max	2.2		1	5
3	Odour	Un-Objectionable		Un-Objectionable	Un-Objectionable
4	Taste	Acceptable		Agreeable	Agreeable
5	p ^H	8.0		6.5 - 8.5	No relaxation
6	Electrical Conductivity at	668		500	2000
7	TDS(mg/L),max	440			
Chemical parameters (mg/L)					
1	Alkalinity(as CaCO3),phenolphthalein ,max	Nil	
2	Total alkalinity (as CaCO3) ,max	152		200	600
3	Total hardness ,max (as CaCO3)	172		200	600
4	Calcium hardness (as CaCO3),max	96	
5	Magnesium hardness (as CaCO3),max	76	
6	Calcium (as Ca),max	38		75	200
7	Magnesium (as Mg),max	18		30	100
8	Ammonical Nitrogen,max	Nil	
9	Nitrite(as N),max	0.8		45	No relaxation
10	Nitrate(as N),max	09		200	400
11	Sulphate (as SO4),max	112		250	1000
12	Chloride(as Cl),max	0.46		1.0	1.5
13	Fluoride(as F),max	Nil		0.3	No relaxation