

**GOVERNMENT OF TELANGANA**  
**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	Drash Universal School,	Collected by	Mr. Harish	
Address	SURVEY NO. 58 & 59; YELLAREDDYGUDA, KEESARA MANDAL, KAPRA CIRCLE, SAINIKPURI, HYDERABAD, DISTRICT:	Collected on	05-03-2026	
		Received on	05-03-2026	
District	Ranga Reddy Dist .	Sample volume	2 ltr	
State	Telangana	Sample ID	7715	
Source profile	R.O water		Drinking Water -Specification As per IS 10500 :2012	
S.No	Parameter	Source / Sample ID		Permissible limit in the absence of alternative source
			Requirement (Acceptable)	
<b>Physical parameters</b>				
1	colour(Hazen),max	<5	5	15
2	Turbidity (NTU),max	1.53	1	5
3	Odour	Un-Objectionable	Un-Objectionable	Un-Objectionable
4	Taste	Agreeable	Agreeable	Agreeable
5	pH	7.2	6.5 - 8.5	No relaxation
6	Electrical Conductivity at 25°C (Micro Mhos/cm)	158	....	....
7	TDS(mg/L),max	104	500	2000
<b>Chemical parameters (mg/L)</b>				
1	Alkalinity(as CaCO3),phenolphthalein ,max	Nil	...	...
2	Total alkalinity (as CaCO3) ,max	27	200	600
3	Total hardness ,max (as CaCO3)	24	200	600
4	Calcium hardness (as CaCO3),max	14	....	.....
5	Magnesium hardness (as CaCO3),max	14	....	.....
6	Calcium (as Ca),max	5.6	75	200
7	Magnesium (as Mg),max	3.3	30	100
8	Ammonical Nitrogen,max	Nil	....	....
9	Nitrite(as N ),max	Nil	....	....
10	Nitrate(as N),max	1.2	45	No relaxation
11	Sulphate (as SO4),max	Nil	200	400
12	Chloride(as Cl),max	21	250	1000
13	Fluoride(as F),max	0.13	1.0	1.5
14	Iron (as Fe),max	Nil	0.3	No relaxation

Remarks: The above sample is physico chemically satisfactory for drinking purpose.

*Harish*  
**Dy.Chief Water Analyst**  
 Institute of Preventive Medicine  
 Public Health Labs & Food (H) Admn.  
 Narayanaguda, Hyderabad-29, T.S.

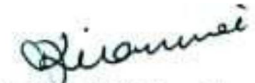
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**REPORT OF BACTERIOLOGICAL ANALYSIS OF WATER**

1. Sample From: Darsh Universal School, SURVEY NO. 58 & 59; YELLAREDDYGUDA, KEESARA MANDAL, KAPRA CIRCLE, SAINIKPURI, HYDERABAD, DISTRICT:
2. Collected by: Mr. Harish
3. Collected on : 11-03-2026
4. Received on: 15-03-2026

Lab. Ref. No.	Source	Exact location	Residual Chlorine >g per liter	Total coliform bacteria (MPN Index) per 100ml	Faecal coliform bacteria per 100ml	Esch. coli per 100ml
6717	R.O water	Direct R.O water		Nil		
6718	R.O water (TPC)	Direct R.O water		Total Aerobic Bacterial Plate Count for 24 hrs at 37 <sup>0</sup> c = 5 CFU / ml		

Remarks: The above samples are bacteriologically satisfactory .

  
**Dy.Chief Water Analyst**  
*Institute of Preventive Medicine*  
*Public Health Labs & Food (H) Admn.*  
*Narayanaguda, Hyderabad-29, T.S.*