

REPORT OF PHYSICO CHEMICAL ANALYSIS OF WATER				
Sample From		VVYASA School,	Collected by	Mr. Ramakrishna
Address	Sy.No: 567, 524/a, 525/a, Indiramma Colony Rd, Dundigal, Gandimaisamma (M) , Medchal Dist .	Collected on	23-04-2024	
		Received on	23-04-2024	
District	Medchal Dist .			
State	Telangana	Sample volume	2 ltr	
Source profile	R.O water	Sample ID	6719	
S.No	Parameter	Source / Sample ID	Drinking Water -Specification As per IS 10500 :2012	
		Direct R.O water, / 6719	Requirement (Acceptable)	Permissible limit in the absence of alternative source
Physical parameters				
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	p ^H	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
Chemical parameters (mg/L)				
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.



Dy.Chief Water Analyst



APPENDIX – XIII

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE.

Rc.No. 529 / SHP / DM&HO / Medchal / 2025-26,

Dated: 06 /03/ 2025.

It is certified that an inspection team headed by Y. Vijay Kumar, Health Inspector, Medchal Malkajgiri District, from DM&HO Office (Health Department) inspected the **M/s VVYASA SCHOOL**, Located at Bowrampet Village, Dundigal Gandimaisamma Mandal, Medchal - Malkajgiri District on 06.03.2025, and found that the Vvyasa School has safe drinking water facilities for the students and members of staff of the institution and is maintaining hygienic sanitation condition in the school building & the campus as per the norms prescribed by the Central/ State/ U.T Govt.

This Certificate is valid for a period of One year from date of issue.

To
The Principal,
Vvyasa School,
Bowrampet Village,
Dundigal Gandimaisamma(M)
Medchal Malkajgiri District.


District Medical & Health Officer
Medchal Malkajgiri District
Medchal Dist., Telangana

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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: VVYASA School, Sy.No: 567, 524/a, 525/a, Indiramma Colony Rd, Dundigal, Gandimaisamma (M), Medchal Dist .
2. Collected by: Mr. Ramakrishna
3. Collected on : 23-04-2024
- 4.Received on: 23-04-2024

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
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 ⁰ c = 5 CFU / ml			

Remarks: The above samples are bacteriologically satisfactory .



Dy.Chief Water Analyst