



Government of Maharashtra
 Water Resources Department

Hydrology Project Division, Nagpur,
 Water Quality Lab Level-II, Nagpur

R. No. R091/5633

Jal Vidnyan Bhavan, Wainganga Nagar, Ajni Nagpur - 440003.

AN ISO 9001 : 2015 CERTIFIED LABORATORY

No. 178 W.Q.LAB LEVEL-II/NAG/2024

Date: 23/08/2024

Sample Analysis Report

Name and Address of Client: School Of Scholars Atrey Layout, Nagpur.	Date of Sampling	20/08/2024
	Sample Collected by	Client
	Date of Sample receipt in Lab	20/08/2024
	Sample I.D. Number	DW/2408/017

Reference Your letter dated: 20/08/2024

Sample Description RO Water Sample

Sr. No.	Characteristic (Parameter)	Unit	Analysis Result	DRINKING WATER - SPECIFICATION	
				Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1	Colour	Hazen unit	<1	5 Max	15 Max
2	Odour	--	Agreeable	Agreeable	Agreeable
3	pH	--	7.8	6.5 To 8.5	No relaxation
4	Turbidity	NTU	0.1	1 Max	5 Max
5	Total Dissolved Solids	mg/L	114	500 Max	2000 Max
6	Total Alkalinity (as CaCO ₃)	mg/L	70	200 Max	600 Max
7	Chloride (as Cl)	mg/L	11.0	250 Max	1000 Max
8	Total Hardness (as CaCO ₃)	mg/L	74	200 Max	600 Max
9	Calcium (as Ca)	mg/L	19.2	75 Max	200 Max
10	Magnesium (as Mg)	mg/L	6.3	30 Max	100 Max
11	Fluoride (as F)	mg/L	0.08	1.0 Max	1.5 Max
12	Sulphate (as SO ₄)	mg/L	7.0	200 Max	400 Max
13	Nitrate (as NO ₃)	mg/L	1.77	45 Max	No relaxation
14	Iron (as Fe)	mg/L	0.04	0.3 Max	No relaxation
15	Total coliforms	MPN/100ml	Absent	Shall not be detectable in any 100 ml sample	
16	Faecal coliforms	MPN/100ml	Absent	Shall not be detectable in any 100 ml sample	

End of Report



Dr. Kombar
 Government Analyst
 Water Quality Lab Level-II
 Hydrology Project, Jalvigyan Bhavan,
 Wainganga Nagar, Ajni,
 NAGPUR