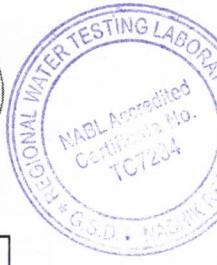




Government of Maharashtra,
Water Supply and Sanitation Department
REGIONAL WATER TESTING LABORATORY

Deputy Director, Groundwater Surveys and Development Agency, Nashik Region, Nashik
Gadakari Chowk, Singada Talav, Nashik, Maharashtra-422001, India



TEST REPORT

Report Number	181	Date of issue	29.04.2024
ULR Number	TC07234240000181F		
Discipline	CHEMICAL	Group	WATER
Name Of Customer	Eklavya Model Residential School		
Address of Customer	C/O Govt Post Basic Ashram School Nalegaon, Tal Dindori. Dist. Nashik		
Letter No/ Reference No	Dated	26/4/2024	

Sample declaration as provided by customer

Nature of sample	Drinking water	Sample collected by	Customer
Sample received date	26/4/2024	Date of Testing	29.04.2024
Sample Container	Plastic	Sample Quantity	1 Lit

Sample Details

Taluka	Dindori	Village	Nalegaon
Location	IN school	Source	RO water
Sample Code No	RWTL/181/2024		
Test Method	APHA, IS.		

A. CHEMICAL ANALYSIS (NABL accredited)

Sr.No.	Parameter	BIS 10500:2012			1
		Desirable Limit	Permissible limit	Unit	
					RWTL/181/2024
1	pH @25 ⁰ C	6.5-8.5	No relaxation	----	7.71
2	Electrical Conductivity @25 ⁰ C	---	----	µS/cm	197
3	Total Dissolved solid	500	2000	mg/L	128
4	Total Hardness	200	600	mg/L	64
5	Fluoride	1	1.5	mg/L	0.07
6	Nitrogen-Nitrate	45	No relaxation	mg/L	3
7	Iron	1	No relaxation	mg/L	0.10
8	Chloride	250	1000	mg/L	12
9	Total Alkalinity	200	600	mg/L	56
10	Sulphate	200	400	mg/L	9

Note	
1	The Results relate only to the item/s tested.
2	The results apply to the sample as received.
3	The report shall not be reproduced except in full without approval of the RWTL, Nashik Laboratory.
4	This report refers only to the particular sample submitted for analysis.

Tested By			
	V.D. Bhalerao Jr. Chemist		B.S. Kathe Technical Manager
END OF REPORT			

Method of Analysis :

Sr. No	Parameter	Test Method
1	pH	APHA 2017 4500- H+(B)
2	Electrical Conductivity	APHA 2017 2510 (B)
3	Total Dissolved Solids	APHA 2017 2540 (C)
4	Total Hardness	APHA 2017 2340 (C)
5	Fluoride	APHA 2017 4500 F (D)
6	Nitrate	APHA 2017 4500 NO3
7	Iron	APHA 2017 3500 Fe (B)
8	Chloride	APHA 2017 4500 Cl (B)
9	Total Alkalinity	APHA 2017 2320 B
10	Sulphate	APHA 2017 4500 SO4



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TEST REPORT

Report Number	181	Date of issue	29.04.2024
Discipline	CHEMICAL	Group	WATER
Name Of Customer	Eklavya Model Residential School		
Address of Customer	C/O Govt Post Basic Ashram School Nalegaon, Tal Dindori. Dist .Nashik		
Letter No/ Reference No	Dated	26/4/2024	

Sample declaration as provided by customer

Nature of sample	Drinking water	Sample collected by	Customer
Sample received date	26/4/2024	Date of Testing	26/4/2024
Sample Container	Plastic	Sample Quantity	1 Lit

Sample Details

Taluka	Dindori	Village	Nalegaon
Location	IN school	Source	RO water
Sample Code No	RWTL/181/2024		
Test Method	APHA,IS.		

B. CHEMICAL ANALYSIS (Non-NABL accredited)

Sr.No.	Parameter	BIS 10500:2012			RWTL/181/2024
		Desirable Limit	Permissible limit	Unit	
11	Colour	5	15	Hazen Unit	1
12	Odour	Agreeable	Agreeable	-	Agreeable
13	Taste	Agreeable	Agreeable	-	Agreeable
14	Turbidity	1	5	NTU	0.2
15	Free Residual Chlorine	0.2	1	mg/L	0

C. Bacteriological Analysis (Non NABL Accrediated)

16	Toatal Coliform	0	0	MPN/100ml	0
17	E.coli	0	0	MPN/100ml	0

Note	
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4	This repor refers only to the particular sample submitted for analysis.

Tested By			
	V.D. Bhalerao Jr.Chemist		B.S.Kathe Technical Manager

END OF REPORT

Method of Analysis :

Sr. No	Parameter	Test Method
11	Color	APHA 2017 2120 B
12	Odour	APHA 2017 2150
13	Taste	IS 3025 (Part 8)
14	Turbidity	APHA 2017 2130 B
15	residual Chlorine	IS 3025 (25)
16	Total coliform	APHA 23rd Edition- 9221 (B)
17	E. Coli	APHA 23rd Edition- 9221 (C)