

WATER ANALYSIS REPORT

Name & Address: SAINIK PUBLIC SCHOOL NADUVATH WANDOOR	Report No:	001906
	Report Date:	21-05-2024
	Sample Source:	Open well
	Sample Container:	Sterilized Container
	Collection Date:	14-05-2024
	Segment:	Education institution
	Test Type:	General
	Collected by:	Party

Sl. No.	Characteristics	Method (APHA)	Acceptable limits (IS 10500:2012)	Permissible limits in the absence of alternate sources	Results	Unit
1	Turbidity	2130 B	1.0	5.0	BDL	NTU
2	Taste	2160 A	Agreeable	Agreeable	Agreeable	
3	Colour	2120 B	5.0	15.0	--	Hazen
4	Odor	2160 A	Unobjectionable	Unobjectionable	Unobjectionable	
5	pH	4500 H ⁺ B	6.5-8.5	6.5-8.5	6.6	
6	Electrical conductivity	2510 B			22	μS/cm
7	Total dissolved solids	2540 C	500	2000	15	mg/litre
8	Alkalinity (Total)	2320 B	200	600	11	mg/litre
9	Total Hardness (as CaCO ₃)	2340 C	200	600	8.6	mg/litre
10	Calcium hardness	3500 Ca B	75	200	7.1	mg/litre
11	Chloride	4500 Cl ⁻ B	250	1000	2.6	mg/litre
12	Calcium	3500 Ca B	75	200	3.4	mg/litre
13	Iron	3500 Fe B	0.3	1.0	BDL	mg/litre
14	Sulphate	4500 SO ₄ E	200	400	BDL	mg/litre
15	Magnesium	3500 Mg B	30	100	0.8	mg/litre
Bacteriological Parameters:						
16	Total Coliforms	9222B	Nil/100 ml	Nil/100 ml	Nil	CFU/100ml
17	Fecal Coliforms	9222D	Nil/100 ml	Nil/100 ml	Nil	CFU/100ml
18	<i>E. coli</i>	9222 D	Nil/100 ml	Nil/100 ml	Nil	CFU/100ml

BDL-below detectable limit

NOTES ON ANALYSIS: Coliform not present, pH is normal. Other physical and chemical parameters are within the limits.



Ans
ANALYST INCHARGE
QUALITY CONTROL DIVISION
bet lab
MALAPPURAM