

WATER ANALYSIS REPORT

Name & Address: NOVEL INTERNATIONAL SCHOOL PULIKKAL	Report No:	002456-2
	Report Date:	13-08-2024
	Source of Sample:	Bore well-filtered
	Sample Container:	Sterilized Container
	Date of Collection:	09-08-2024
	Segment:	Establishment
	Type of Test:	General
Collected by:	Party	

L. No.	Characteristics	Method (APIA)	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	6.9	
6	Electrical conductivity	2510 B			12	µS/cm
7	Total dissolved solids	2540 C	500	2000	8	mg/litre
8	Alkalinity (Total)	2320 B	200	600	3.1	mg/litre
9	Total Hardness (as CaCO ₃)	2340 C	200	600	5.4	mg/litre
10	Calcium hardness	3500 Ca B	75	200	4.6	mg/litre
11	Chloride	4500 Cl ⁻ B	250	1000	2.1	mg/litre
12	Calcium	3500 Ca B	75	200	1.8	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	0.24	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

ND-below detection level

NOTES ON ANALYSIS: Coliform's presence not found. pH is normal. Other physical and chemical parameters within the limits.




ANALYST INCHARGE
 QUALITY CONTROL DIVISION
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