

CLEAN N CARE ANALYTICAL LAB LLP

Door No: 28/1353 A1, 28/1353 A2 Seashell Avenue
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NABL (ISO /IEC 17025:2017) Accredited Laboratory
Kerala State Pollution Control Board 'A' Grade
Approval No: .PCB/CL/RL/138/2022



TEST REPORT

Requested by	Mount Flower English Medium School	Tested at : Clean and Care Analytical Lab			
Address	Narayanpara	LLP Door No: 28/1353 A1,28/1353 A2 Seashell Avenue Mini Bypass, Kozhikode, Kerala 673016			
Report No	1086	Date of Sample Receiving	01/05/2025	Sample Quantity	2 Litre
Sample ID	CNC/01/05/2025/1086	Period of Analysis	01/05/2025	Sample Condition	Satisfactory
Sampled By	Health Inspector		03/05/2025	Sample type	Water sample
ULR No	TC1549725000005834F	Report Date	03/05/2025	Source of Sample	Open Well

CHEMICAL ANALYSIS

No	Parameter	Unit	Test method	Results	Acceptable limit as per IS 10500	Permissible limit in the absence of alternative source
1	pH @ 25°C	-	APHA 4500 H ⁺ B (24 th Edition)	4.79	6.5-8.5	No Relaxation
2	Electrical conductivity @ 25°C	µS/cm	APHA 2510 B (24 th Edition)	50	-	-
3	Total Dissolved solids @ 180°C	mg/L	APHA 2540 C (24 th Edition)	26	500	2000
4	Total Alkalinity as CaCO ₃	mg/L	APHA 2320 B (24 th Edition)	4	200	600
5	Total Hardness as CaCO ₃	mg/L	APHA 2340 C (24 th Edition)	14	200	600
6	Chloride	mg/L	APHA 4500 Cl ⁻ B (24 th Edition)	7.49	250	1000
7	Calcium Hardness as CaCO ₃	mg/L	APHA 3500 Ca B (24 th Edition)	8	75	200
8	Magnesium Hardness as CaCO ₃	mg/L	APHA 3500 Mg E (24 th Edition)	6	30	100
9	Calcium	mg/L	APHA 3500 Ca B (24 th Edition)	3.20	75	200
10	Magnesium	mg/L	APHA 3500 Mg E (24 th Edition)	1.46	30	100
11	Sulphate	mg/L	APHA 4500 SO ₄ ²⁻ E (24 th Edition)	<5.0	200	400
12	Iron	mg/L	APHA 3500 Fe B (24 th Edition)	<0.1	0.30	No Relaxation

	Parameter	Unit	Test method	Results	Requirement (LOD)
13	Total Coliforms	CFU/100ml	APHA 9222 B (24 th Edition)	<1 CFU/100mL	<1 CFU/100mL
14	Fecal Coliforms	CFU/100ml	APHA 9222 D (24 th Edition)	<1 CFU/100mL	<1 CFU/100mL

TNTC - Too Numerous to Count LOD-Limit of detection

Disclaimer: All the components of this test report are recognized as a portion of a complete report. The results provided relate only to the items tested. The results provided apply only to the samples as received. The report shall not be reproduced except in full without approval of the laboratory.End of report....

Authorised by



Nahala K.P

(For Chemical Parameters)



Authorised by



Amrutha Vijay P T

(For Biological Parameters)

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Sampled By	Health Inspector		03/05/2025	Sample type	Water sample
		Report Date	03/05/2025	Source of Sample	Open Well

CHEMICAL ANALYSIS :

No	Parameter	Unit	Test method	Results	Acceptable limit as per IS 10500	Permissible limit in the absence of alternative source
15	Colour	Hazen	APHA 2120 A (24 th Edition)	<1	5.0	-
16	Taste and odour	-	APHA 2150A & 2160 A (24 th Edition)	Agreeable	Agreeable	Agreeable
17	Turbidity	NTU	APHA 2130 B (24 th Edition)	<0.1	1	5.0
18	Nitrite	mg/L	APHA 4500 NO ₂ B (24 th Edition)	<0.01	-	No Relaxation
19	Ammonia as N	mg/L	IS 3025(PART 34) 1988 (RA:2019)	<0.01	0.50	No Relaxation
20	Phosphate	mg/L	APHA 4500 P-E (24 th Edition)	0.07	-	No Relaxation

Authorized by



Nahala K.P

(For Chemical Parameters)

