



**Analytical Laboratory (Level II⁺)
Ground Water Department
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TEST REPORT

Report No: AL/T/679/25

Customer Name & Address	:	The Manager, Swami Vivekananda Mission Central School, Koliyakode, Studio Road, Nemom
Information Provided by the Customer	:	Open well
Date of receipt of sample	:	30/04/2025
Lab ID.	:	679/25
Date of start of Analysis	:	30/04/2025
Date of Completion of Analysis	:	15/05/2025
Date of issue of report	:	16/05/2025

TEST RESULTS

Sl. No	Parameters	Unit	Test Method	Acceptable Limit as per IS 10500: 2018, mg/l, Max	Results
1	Turbidity	NTU	IS 3025(part10): 2023	1	0.42
2	pH		IS 3025(part11): 2022	6.5- 8.5	6.3
3	Specific Conductance	µS/cm	IS 3025(part14): 2019		374
4	Total Dissolved Solids	mg/l	IS 3025(part16): 2023	500	224
5	Total Hardness as CaCO ₃	mg/l	IS 3025(part21): 2019	200	60
6	Calcium as Ca	mg/l	IS 3025(part40): 2019	75	18
7	Magnesium as Mg	mg/l	IS 3025(part46): 2019	30	3.6
8	Sodium	mg/l	APHA, 3500: Na B	-	12.4
9	Potassium	mg/l	APHA,3500: K B	-	6.2
10	Total Alkalinity as CaCO ₃	mg/l	IS 3025(part23): 2023	200	44
11	Carbonate	mg/l	APHA, 2320 : B	-	0
12	Bicarbonate	mg/l	APHA, 2320 : B	-	53.8
13	Chloride as Cl	mg/l	IS 3025(part32): 2019	250	24
14	Sulphate (as SO ₄)	mg/l	IS 3025(part24):2022	200	7
15	Nitrate (as NO ₃)	mg/l	IS 3025(part34):2023	45	7.08
16	Iron (as Fe)	mg/l	APHA, 3500 - Fe B	1.0	0.1
17	Total Coliform	CFU/ 100ml	APHA, 9222	NIL	Absent
18	E-Coli	CFU/ 100ml	APHA,9222	NIL	Absent



End report

[Signature]
Authorized Signatory

EXECUTIVE CHEMIST