

 **MODERN**
WATER QUALITY LABORATORY

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Approved by: State Pollution Control Board, Govt. of Kerala, Approval No. PCB/LAB/C11/2018

REPORT ON ANALYSIS OF WATER

AR No : AR/ML/7103/2024

DATE: 12/04/2024

NAME : AL AMEEN CENTRAL SCHOOL MOB : 8943205420 EMAIL : ADDRESS : AMAKKAVU, KOOTTANAD	DATE & TIME OF SAMPLE COLLECTION DOMESTIC ESTABLISHMENT SAMPLE COLLECTED BY : CLIENT SAMPLE DELEVERED BY : CLIENT DATE & TIME OF DELEVERY: 09/03/2024 SAMPLE RECEIVED BY : ANU SAMPLE CONDITION: FIT FOR TEST PERIOD OF ANALYSIS: 2 DAYS
SOURCE OF SAMPLE: BORE WELL	
SAMPLE CONTAINER : PLASTIC BOTTLE	
TYPE OF TEST	PHYSICAL CHEMICAL BACTERIOLOGY

SL.NO	PARAMETERS	UNIT	TEST METHOD APHA	RESULTS	ACCETABLE LIMIT IS 10500
PHYSICAL EXAMINATION					
1	TASTE AND ODOR		2160 A	AGREEABLE	AGREEABLE
2	ELECTRICAL CONDUCTIVITY	S/cm	2510 B	86	
3	TURBIDITY	NTU	2130 B	0.0	1
4	TOTAL DISSOLVED SOLIDS	mg/L	2540 C	43	500
CHEMICAL EXAMINATION					
5	pH	-	4500 H+B	6.9	6.5-8.5
6	TOTAL ALKALINITY	mg/L	2320 B/2310 B	32	200
7	ACIDITY	mg/L	2320 B/2310 B	6	
8	TOTAL HARDNESS (as CaCO ₃)	mg/L	2340 C	28	200
9	CALCIUM HARDNESS	mg/L	3500 Ca B	14	
10	MAGNESIUM HARDNESS	mg/L	3500 Mg B	14	
11	CALCIUM (as Ca)	mg/L	3500 Ca B	6	75
12	MAGNESIUM (as Mg)	mg/L	3500 Mg B	3	30
13	CHLORIDE	mg/L	4500 Cl-R	22	250
14	SULPHATE	mg/L	4500 SO ₄ E	BDL*	200
15	AMMONIA	mg/L	4500 NH ₃ F	BDL*	0.5
16	IRON (as Fe)	mg/L	3500 Fe B	0.1	0.3
BACTERIOLOGY					
17	TOTAL COLI FORM	cfu /100ml	9222 B	NIL	NIL/100ml
18	FECAL COLI FORM	cfu/100ml	9222 D	NIL	NIL/100ml

*BDL- Below Detection Limit



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