



**REGIONAL ANALYTICAL LABORATORY
GROUNDWATER DEPARTMENT
RDPC Building, Kakkanad, Kerala State.
Email: ralgwdekm@gmail.com
Telephone: 0484 2958331**



TC-15779

TEST REPORT

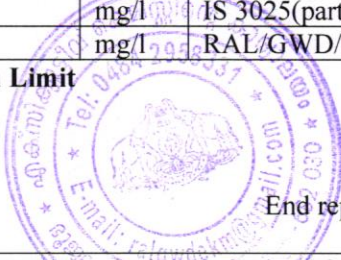
Report No: RL/E/467/25

Customer Name & Address	:	Mar Gregorios Memorial Public school Kandanadu, Vattakunnu.
Sample Description	:	Drinking Water (Open Well)
Sampled by	:	Customer
Sample Condition	:	Satisfactory
Purpose	:	Domestic
Quantity of Sample	:	2 L
Date of receipt of sample	:	11.06.25
Lab ID.	:	E-272/25
Date of start of analysis	:	11.06.25
Date of completion of analysis	:	24.06.25
Date of issue of report	:	02.07.25

TEST RESULTS – CHEMICAL ANALYSIS

Sl. No.	Parameters	Unit	Test Method	Result	Acceptable Limit as per IS 10500: 2012
1	Odour		IS 3025(part 5): 2018	Agreeable	Agreeable
2.	Colour	CU	IS 3025(part 4): 2021	1	5
3.	Turbidity	NTU	IS 3025(part 10): 2023	0.08	1
4.	pH		IS 3025(part 11): 2022	7.04	6.5- 8.5
5.	Specific Conductance	µS/cm	IS 3025(part 14): 2013	95.21	
6.	Total Dissolved Solids	mg/l	IS 3025(part 16): 2023	52.4	500
7.	Total Hardness as CaCO ₃	mg/l	IS 3025(part 21): 2009	26	200
8.	Calcium as Ca	mg/l	IS 3025(part 40): 2024	8	75
9.	Magnesium as Mg	mg/l	IS 3025(part 46): 2023	1.46	30
10.	Sodium	mg/l	APHA, 3500: Na B 24 th Edition	5.05	-
11.	Potassium	mg/l	APHA,3500: K B 24 th Edition	3.63	-
12	Total Alkalinity as CaCO ₃	mg/l	IS 3025(part 23): 2023	BQL	200
13	Chloride as Cl	mg/l	IS 3025(part 32): 1988	13.33	250
14	Sulphate (as SO ₄)	mg/l	IS 3025(part 24): Sec 1/2022	BQL	200
15	Nitrate (as NO ₃)	mg/l	IS 3025(part 34): Sec 1/2023	15.19	45
16	Iron (as Fe)	mg/l	RAL/GWD/EKM/SOP/01/016	BQL	1

BQL: Below Quantification Limit



End report

Authorized Signatory
Dr. Bindumol G.P.

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Disclaimer: This test report refers only to the item submitted for testing. The test results reported in this report are valid at the time forward under the stated condition of the measurement. This test report cannot be reproduced except in full, without prior permission of head of this office. Any discrepancies may be brought to the laboratory within 15 days of the issue of the report.

RL/E/FRM/016	Issue No:01 / Date: 08.01.2024	Page 1 of 1	Amend. No. / Date: 00 / --
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RDPC Building, Kakkanad, Kerala State.
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(BIS: IS: 10500: 2012, REV 2018) Telephone: 0484 2958331
TEST REPORT

Report No: RL/E/468/25

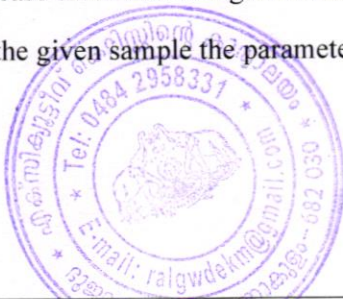
Customer Name & Address	:	Mar Gregorios Memorial Public school Kandanadu, Vattakunnu.
Sample Description	:	Drinking Water (Open Well)
Sampled by	:	Customer
Sample Condition	:	Satisfactory
Purpose	:	Domestic
Quantity of Sample	:	150 ml
Date of receipt of sample	:	11.06.25
Lab ID.	:	272/25
Date of start of analysis	:	11.06.25
Date of completion of analysis	:	24.06.25
Date of issue of report	:	02.07.25

TEST RESULTS – BACTERIOLOGICAL ANALYSIS

Sl. No	Parameter	Analytical results	Acceptable Limit (BIS)	Permissible limit (BIS)
1	Total coliform (cfu/100mL)	Absent	Absent	Absent
2	Ecoli or Thermo tolerant coliform bacteria (cfu/100mL)	Absent	Absent	Absent

Remarks: Please chlorinate using bleaching powder @10gm/4000L

In the given sample the parameter pH is below the acceptable limit



C.P.B.
2/7/2025
Authorized Signatory
EXECUTIVE CHEMIST
REGIONAL ANALYTICAL LABORATORY
GROUND WATER DEPARTMENT
RDPC BUILDING, KAKKANAD

End report

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