

Annexure C

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. 570/25

Dated:

It is certified that an inspection team headed by P. Thankamani, Health Inspector
(Name of Officers with designation) from B.F.H.C. Kulakkads, PHED (Health dept;)
inspected the Maethoma Residential School, Kalayapurem

(Name & Address of the school) on 17/06/2025 (date of inspection) and on the basis of
Water Test Report (Attached) bearing no. dated 5/6/2025

of Kerala Water Authority (PHED Lab) certified that the
Maethoma Residential School (Name of school) has safe drinking water

facilities for the students and members of staff of the institution. School is also maintains the
hygienic sanitation condition in the school building & the campus as per norms prescribed by the
Central/ State/ U.T. Govt.

This certificate is valid till 18/6/2026 (1 year validity) (18/6/25 to 18/6/26)

Signature with Seal: HEALTH INSPECTOR
Name Thankamani P., G.H.C. KULAKKADA
Designation :
Name & Address of the Office / Department :

To Maethoma Residential School
Kalayapurem
(Name & Address of the Institution)



Note: The certificate is to be issued by authorized officer / PHED Lab / local bodies



QUALITY CONTROL SUB DISTRICT LABORATORY
KERALA WATER AUTHORITY
VALAKAM P.O, KOTTARAKKARA, KOLLAM 691532
(NABL Recognized Sub Divisional Level Government Drinking Water Testing Laboratory)

Test Report

Report No - 2025/QCSDL/KTR/1590			Date of issue : 5/06/2025		
Customer Name & Address			1. Date of Receipt : 4/06/2025		
MARTHOMA RESIDENTIAL SCHOOL ZIONKUNNU PUTHOORMUKKU KULAKKADA P O 691521 KALAYAPURAM KOLLAM PH : 9207374785			2. Sampling done by : CUSTOMER		
			3. Sample Code : 2025/QCSDL/KTR/ 1590		
			4. Source of Sample : WELL WATER		
			5. Sample Description : DRINKING WATER		
			6. Sample Quantity : 2 Litres		
			7. Test Performing Dates From: 5/06/2025 To: 5/06/2025		
Sl. No.	Characteristics	Unit	Test Method	Maximum Acceptable limits as per IS 10500 - 2012	Result
1	Colour	(CU)	APHA 24th Edition: 2120 Colour Method B (Platinum Cobalt Visual Comparison)	5	1
2	Odour	-	IS 3025 (Part 5): 2018	Agreeable	Agreeable
3	Taste	-	IS 3025 (Part 8) 2023	Unobjectionable	Unobjectionable
4	Turbidity	(NTU)	IS 3025 (Part 10): 2023 Nephelometric Method	1	< 0.5
5	pH at 25 °C	-	IS 3025 (Part 11): 2022 Electrometric Method	6.5 to 8.5	6.57
6	Total Alkalinity (as Ca CO ₃)	(mg/L)	IS 3025 (Part 23): 2023 Indicator Method	200	< 5
7	Total Dissolved Solids (TDS)	(mg/L)	IS 3025 (Part 16): 2023	500	12
8	Total Hardness (as CaCO ₃)	(mg/L)	IS 3025 (Part 21): 2009 EDTA Method	200	6
9	Calcium (as Ca)	(mg/L)	IS 3025 (Part 40): 1991 EDTA Method	75	< 5
10	Magnesium (as Mg)	(mg/L)	APHA 24th Edition 3500 Method B (By calculation method)	30	< 5
11	Chloride (as Cl)	(mg/L)	IS 3025 (Part 32) : 1988 Argentometric Method	250	< 10

NB:- 1. The results stated above related only to the sample(s) submitted for testing. 2.This test certificate shall not be reproduced except in full without the written approval of the Laboratory.3.The results apply to the sample as received.
4. Sample will be retained only for 7 days after reporting the test results.

KWA/QCSDL/KTR/R/19

Issue No. 01

* End of Report *
Issue Date: 01.01.2022
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Rev. No. 06

Rev. Date:24.09.24

Authorized By
Name: DHANYA V
Sanitary Chemist
QUALITY CONTROL SUB DISTRICT LAB
KERALA WATER AUTHORITY
KOTTARAKKARA



**QUALITY CONTROL SUB DISTRICT LABORATORY
KERALA WATER AUTHORITY
VALAKAM P.O, KOTTARAKKARA, KOLLAM 691532**

Test Report

Report No - 2025/QCSDL/KTR/1590			Date Of issue : 5/06/2025		
Customer Name & Address			1. Date of Receipt : 4/06/2025		
MARTHOMA RESIDENTIAL SCHOOL ZIONKUNNU PUTHOORMUKKU KULAKKADA P O 691521 KALAYAPURAM KOLLAM PH : 9207374785			2. Sampling done by : CUSTOMER		
			3. Sample Code : 2025/QCSDL/KTR/1590		
			4. Source of Sample : WELL WATER		
			5. Sample Description : DRINKING WATER		
			6. Sample Quantity : 2 Litres		
			7. Test Performing Dates From : 5/06/2025 To: 5/06/2025		
Sl. No.	Characteristics	Unit	Test Method	Maximum Acceptable limits as per IS 18500 - 2012	Result
1	Electrical Conductivity at 25 °C	(micro mhos/cm)	IS 3025 (part 14) - 2013	—	19.62
2	Acidity	(mg/L)	IS 3025 (part 22) - 1986 Indicator Method	—	14
3	Sulphate (as SO ₄)	(mg/L)	IS 3025 (part 24/ Sec1) - 2022 Turbidity Method Using spectrophotometer	200	0.06
4	Fluoride (as F)	(mg/L)	APHA 24th Edition 4500 - F D: SPADNS Method	1.0	0.00
5	Iron (as Fe)	(mg/L)	IS 3025 (part 53) - 2003 1,10 Phenanthroline Method	1.0	0.00
6	Nitrate (as NO ₃)	(mg/L)	APHA 24th Edition 4500 - NO ₃ ⁻ B UV Spectrophotometric Screening Method	45	0.00

NB:- 1.The results stated above related only to the sample(s) submitted for testing. 2.This test certificate shall not be reproduced except in full without the written approval of the Laboratory.3.The results apply to the sample as received. 4. Sample will be retained only for 7 days after reporting the test results.

Dhanu
5/6/25

Authorized By

Name: Dhanu V

Sanitary Chemist

KWA/QCSDL//KTR/R/19

Issue No. 01

* End of Report *

Issue Date: 01.01.2022

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Rev. No. 03

Rev.Date: 18.07.24

SANITARY CHEMIST
QUALITY CONTROL SUB DISTRICT LAB
KERALA WATER AUTHORITY
KOTTARAKKARA



QUALITY CONTROL SUB DISTRICT LABORATORY
KERALA WATER AUTHORITY
VALAKAM.P.O, KOTTARAKKARA, KOLLAM - 691 532

☎ 0474-2918112 ✉ qcsdlktr@gmail.com

Test Report

Report No: 2025/QCSDL/KTR/ 1590

Date of Issue :6/06/2025

Customer Name & Address:

1. Date of Receipt : 4/06/2025

2. Sampling done by : CUSTOMER

3. Sample Code : 2025/QCSDL/KTR/ 1590

4. Source of Sample : WELL WATER

5. Sample Description : Drinking water

6. Sample Quantity : 250 ml

7. Sample Condition : Good

8. Test Performing Dates
From : 4/06/2025

To:6/06/2025

SL. NO.	Characteristics	Test Method	Acceptable limits as per IS 10500 - 2012	Result
1	Total Coliforms/ 100 ml	IS 15185 : 2016 (Reaffirmed 2021)	Shall not be detected/ 100 ml	ABSENT
2	E. coli /100 ml	IS 15185 : 2016 (Reaffirmed 2021)	Shall not be detected/ 100 ml	ABSENT

NB:- The results stated above related only to the sample(s) submitted for testing. This test certificate shall not be reproduced except in full without the written approval of the Laboratory.

End of Report

Authorized By
Bacteriologist

BACTERIOLOGIST

KWA/KLM/R/19

Issue No. 01

Issue Date: 10.01.2024

Rev. No. 01

QUALITY CONTROL SUB DISTRICT LAB
KERALA WATER AUTHORITY
KOTTARAKKARA