



**KERALA WATER AUTHORITY**

**QUALITY CONTROL SUB DISTRICT LAB, MATTANNUR, KOTHERI  
WATER ANALYSIS REPORT**

NABL Recognized <<Sub-Divisional Level>> Government Drinking Water Testing Laboratory  
(Certificate No: NABL.DWT.00961 Valid till:04/12/2027)

Tele phone No : 0490 2993380

email : kwaqualitysdlmattannur@gmail.com

ULR-TC10652240000001401F

Report No - KWA/QA/R/03/01//1401/2211				Date : 05.05.2025	
Customer Name and Address		1. Date of receipt		: 30.04.2025	
CMI CHRIST SCHOOL, IRITTY, Nr. POLICE STATION, KALLUMUTTY, KANNUR - 670703 (FORWARDED BY HEALTH INSPECTOR, PHC VALLITHODE) (NON DOMESTIC PURPOSE)		2. Sampling provided by		Customer (QUA_224174)	
		3. Sample Code		: 01/25 (1401)	
		4. Source of Sample		: Open Well (SEALED)	
		5. Sample quantity		1 lit	
		6. Test performing dates			
		From: 30.04.2025		To : 30.04.2025	
	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
1	Taste		IS 3025 (Part 8)	Agreeable	-
2	Colour	HAZEN	IS 3025 (part 04) -2021	5	-
3	Odour		IS 3025 (part 5) -2018	Agreeable	-
4	Turbidity	(NTU)	IS 3025 (part 10) -2023	1	0.44
5	pH@ 25 ° C		IS 3025 (part 11) --2022	6.5 to 8.5	7.00
6	Total Alkalinity (as CaCO <sub>3</sub> )	(mg/litre)	IS 3025 (part 23) -2023	200	-
7	Total Dissolved Solids (TDS)	(mg/litre)	IS 3025 (part 16) -2023	500	-
8	Total Hardness (as CaCO <sub>3</sub> )	(mg/litre)	IS 3025 (part 21) -2009 (Reaffirmed 2019)	200	40.80
9	Calcium (as Ca)	(mg/litre)	IS 3025 (part 40) -1991 (Reaffirmed 2019)	75	-
10	Magnesium (as Mg)	(mg/litre)	IS 3025 (part 46)-2023	30	-
11	Chloride (as Cl)	(mg/litre)	IS 3025 (part 32) -1988 (Reaffirmed 2019)	250	6.82

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

BDL:- Below Detection Limit

Reviewed & Authorised By

Harsha K.K.

TECHNICAL MANAGER

Technical Manager

Quality Control Sub District Lab, Mattannur  
Kerala Water Authority Kothery  
Kannur District - 670702

\* End Of Report\*

KWA/QC/SDL/MTR/R/17

Issue No: 02

Issue Date : 02.05.2023





**KERALA WATER AUTHORITY**  
**QUALITY CONTROL SUB DISTRICT LAB, MATTANNUR, KOTHERI**  
**WATER ANALYSIS REPORT**

Tele phone No : 0490 2993380

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Report No - KWA/QA/R/03/01/J/1401/2211				Date : 05.05.2025	
Customer Name and Address CMI CHRIST SCHOOL, IRITTY, Nr. POLICE STATION, KALLUMUTTY, KANNUR - 670703 (FORWARDED BY HEALTH INSPECTOR, PHC VALLITHODE) (NON DOMESTIC PURPOSE)		1. Date of receipt		: 30.04.2025	
		3. Sample Code		Customer (QUA_224174)	
		4. Source of Sample		: 01/25 (1401)	
		5. Sample quantity		1 lit	
		6. Test performing dates			
		From: 30.04.2025		To: 30.04.2025	
Sl No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
1	Electrical Conductivity at 25°C	(micro mhos/cm)	IS 3025 (part 14) -2013 (Reaffirmed 2019)		59.71
2	Acidity	(mg/litre)	IS 3025 (part 22) -1986 (Reaffirmed 2019)		-
3	Sulphate (as SO <sub>4</sub> )	(mg/litre)	IS 3025 (part 24/sec 1) - 2022	200	-
4	Fluoride (as F)	(mg/litre)	APHA 24th Edition 4500-F-D .SAPADANS method	1	-
5	Iron (as Fe)	(mg/litre)	IS 3025 (part 53) -2003 (Reaffirmed 2014)	1	BDL
6	Nitrate (as NO <sub>3</sub> )	(mg/litre)	APHA24th Edition (UV Screening method)	45	BDL
7	Residual Free Chlorine	(mg/litre)	IS 3025(part 26 )-2021	0.2	-

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Harsha K.K

**TECHNICAL MANAGER**  
Technical Manager

Quality Control Sub District Lab, Mattannur  
Kerala Water Authority, Kotheri  
Kannur District - 670703

\* End Of Report \*

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**WATER ANALYSIS REPORT**

Tele phone No : 0490 2993380

email : kwaqualitysdlmattannur@gmail.com

Report No - KWA/QA/R/1401/01/R/64 (1401)			Date: 05.05.2025		
Customer Name and Address CMI CHRIST SCHOOL, IRITTY, Nr. POLICE STATION, KALLUMUTTY, KANNUR - 670703 (FORWARDED BY HEALTH INSPECTOR, PHC VALLITHODE) (NON DOMESTIC PURPOSE)		1. Date of receipt		: 30.04.2025	
		2. Sampling provided by		Customer (QUA_224174)	
		3. Sample Code		: 01/25 (1401)	
		4. Source of Sample		: Open Well (SEALED)	
		5. Sample quantity		100 ml	
		6. Test performing dates		From: 02.05.2025 To: 03.05.2025	
	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
1	Total Coliforms	CFU /100 ml	IS 15185 : 2016; ISO 93081: 2014	Nil	Nil
2	E.Coli	CFU /100 ml	IS 15185 : 2016; ISO 93081: 2014	Nil	Nil

**Remarks:**

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

**Reviewed & Authorised By**

**Shilpa Mohan**  
**Bacteriologist**

**BACTERIOLOGIST**

**QUALITY CONTROL SUBDISTRICT LAB MATTANNUR**  
**KERALA WATER AUTHORITY**

Rev Date: 02.05.2023

\* End Of Report\*

KWA/QC/SDL/MTR/R/17

Issue No: 02

Issue Date : 02.05.2023

Rev No: 01

:02.05.2023