



KERALA WATER AUTHORITY

QUALITY CONTROL SUB DISTRICT LABORATORY

KOTTAKUNNU, MALAPPURAM Dt. PIN:676505

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(NABL Recognition of Government Drinkinking Water Testing Laboratory at Sub-Divisional Level)

Certificate No :NABL-DWT-00989

TEST REPORT

Report No-KWA/MPM/MPM/R/17/25/2172	A	Date: 15.10.2025
Customer Name & Address	1. Sample Code	10/2172
MECT PUBLIC SCHOOL KARA, VETTATHUR MALAPPURAM	2. Date of Receipt	09.10.2025
	3. Sampling Done by	PARTY
	4. Sample	DRINKING WATER
	5. Source of Sample	OPEN WELL
	6. Sample Quantity	1L
	7. Sample Performance from	09.10.2025 - 15.10.2025

Sl.No	Characteristics	Unit	Test Method	Results	Acceptable Limit as per IS 10500:2012	Permissible Limit as per IS 10500:2012
1	Turbidity	NTU	Nephelometric method IS 3025(part 10)-2023	0.6	1	5
2	pH at 25°C		Electrometric method IS 3025(part 11)-2022	6.05	6.5 - 8.5	No relaxation
3	Alkalinity	mg/litre	Titrimetric method IS 3025(part 23)-2023	10	200	600
4	Total Dissolved Solids (TDS)@180°C	mg/litre	Gravimetric Method IS 3025(part 16)-2023	28	500	2000
5	Total Hardness (as CaCO ₃)	mg/litre	EDTA titrimetric method IS 3025(part 21)-2023	12	200	600
6	Chloride (as Cl ⁻)	mg/litre	Argentometric Titration method IS 3025(part 32)-2019	4	250	1000

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.

We are retaining sample for 5 days after the preparation of test report.

BDL-Below Detectable Limit

Tested & Reviewed by:



Authorized By:

RAMYA KP

KWA/PDI/MPM/F/04

ISSUE No. 01 Issue Date: 01.11.2021

Rev.No.02

Rev.Date: 10/06/ 2023



KERALA WATER AUTHORITY

QUALITY SUB CONTROL DISTRICT LABORATORY

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TEST REPORT

Report No-KWA/MPM/MPM/R/17/25/2172	B	Date: 15.10.2025
Customer Name & Address	1. Sample Code	10/2172
MECT PUBLIC SCHOOL KARA, VETTATHUR MALAPPURAM	2. Date of Receipt	09.10.2025
	3. Sampling Done by	PARTY
	4. Sample	DRINKING WATER
	5. Source of Sample	OPEN WELL
	6. Sample Quantity	1L & 100 ml sterilized bottle
	7. Sample Performance from 09.10.2025 - 15.10.2025	

Sl.No	Characteristics	Unit	Test Method	Results	Acceptable Limit as per IS 10500:2012	Permissible Limit as per IS 10500:2012
1	Electrical Conductivity at 25°C	micro mhos/cm	IS 3025(part 14)-2013	51.52		
2	Iron (as Fe2+)	mg/litre	IS 3025(part 53)-2003	0.16	1	No relaxation
3	Nitrate (as NO3-)	mg/litre	APHA23rd Edition (UV Screening method)	0.04	45	No relaxation

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.

We are retaining sample for 14 days after the release of test report.

Tested & Reviewed by:

Authorized By:

RAMYA K P

TEST REPORT - MICROBIOLOGY

Sl.No	Characteristics	Test Method	Results	Acceptable Limit as per IS 10500:2012	Permissible Limit as per IS 10500:2012
1	Total Coliforms	IS 15185 : 2021 ISO 9308-1:2014	TNTC	Shall not be detected/100 ml	No relaxation
2	E-Coli	IS 15185 : 2021 ISO 9308-1:2014	0	Shall not be detected/100 ml	No relaxation

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.

TNTC- Too Numerous To Count

Tested & Reviewed by



End of Report

Authorised By: