KERALA WATER AUTHORITY

QUALITY CONTROL SUB DISTRICT LABORATORY

KOTTAKKUNNU, MALAPPURAM Dt. PIN:676505

Phone:0483 2738735 , email: qcsdl.mpm@gmail.com

(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/17/25/1402	A	Date: 16.05.2025
Customer Name & Address	1. Sample Code	5/1402
CALICUT INTERNATIONAL AIRPORT CALICUT AIRPORT (PO) MALAPPURAM	2. Date of Receipt	12.05.2025
	3. Sampling Done by	Jr.EE CALICUT AIRPORT
	4.Sample	DRINKING WATER
	5. Source of Sample	OPEN WELL
	6. Sample Quantity	1L
	7.Sample Performance from 12.05.2025 - 16.05.2025	

Sl.No	Characteristics	Unit	Test Method	Results	Acceptable Limit as per IS 10500:2012	Permissible Limit as per IS 10500:2012
1	Turbidity	NTU	Nephalometric method IS 3025(part 10)-2023	**0.6**	1	5
2	pH at 25°C		Electrometric method IS 3025(part 11)-2022	**7.33**	6.5 - 8.5	No relaxation
3	Alkalinity	mg/litre	Titrimetric method IS 3025(part 23)-2023	**29**	200	600
4	Total Dissolved Solids (TDS)@180°C	mg/litre	Gravimetric Method IS 3025(part 16)-2023	**59**	500	2000
5	Total Hardness (as $CaCO_3$)	mg/litre	EDTA titrimetric method IS 3025(part 21)-2023	**34**	200	600
6	Chloride (as Cl^-)	mg/litre	Argentometric Titration method IS 3025(part 32)-2019	**8**	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:

Chemist

Authorized By:

RAMYA K P

Technical Manager

QUALITY CONTROL SUB DISTRICT LABORATORY, MALAPPURAM * KOTTAKUNNU, MALAPPURAM PIN: 676 505 * KERALA WATER AUTHORITY *

End of Report

KERALA WATER AUTHORITY

QUALITY SUB CONTROL DISTRICT LABORATORY

PARAPPANANGADI, MALAPPURAM

Phone:0494 294 6804 , email: qcsdl.pgdi@gmail.com

TEST REPORT

Report No-KWA/MPM/MPM/R/17/25/1402	B	Date: 16.05.2025
Customer Name & Address	1. Sample Code	5/1402
CALICUT INTERNATIONAL AIRPORT **CALICUT AIRPORT (PO)** **MALAPPURAM**	2. Date of Receipt	12.05.2025
	3. Sampling Done by	Jr.EE CALICUT AIRPORT
	4.Sample	DRINKING WATER
	5. Source of Sample	OPEN WELL
	6. Sample Quantity	1L & 100 ml sterilized bottle
	7.Sample Performance from 12.05.2025 - 16.05.2025	

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 25^0C	micro mhos/cm	IS 3025(part 14)-2013	**107.9**		
2	Iron (as Fe2+)	mg/litre	IS 3025(part 53)-2003	**0.18**	1	No relaxation
3	Nitrate (as NO3-)	mg/litre	APHA23rd Edition (UV Screening method)	**0.05**	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:

Chemist

Authorized By:

RAMYA K P

Technical Manager

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-I:2014	**PRESENT**	Shall not be detected/100 ml	No relaxation
2	***E-Coli***	IS 15185 : 2021 ISO 9308-I:2014	**ABSENT**	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

QUALITY CONTROL SUB DISTRICT LABORATORY, MALAPPURAM
KOTTAKUNNU, MALAPPURAM
PIN: 676 505
KERALA WATER AUTHORITY

End of Report

Authorised By:Bacteriologist