



KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LABORATORY
 PH SUB DN. COMPOUND THURAKKAL, MANJERI, MALAPPURAM DT.
 Phone:0483-2940072 , email: qcdlmpm@gmail.com



TC-16000

TEST REPORT

ULR NO-TC160002500002686F

Report No-KWA/QCDL/MPM/R/17/25/2686	Date:	05.12.2025
Customer Name & Address	1. Sample Code	J25/2686
E K C COLLEGE CHERUKULAM	2. Date of Receipt	03.12.2025
ELANKUR	3. Sampling Done by	Party
MANJERI,MALAPPURAM DIST	4. Sample Description	Drinking Water
PIN-676121	5. Source of Sample	Open Well
PH-9446009826	6. Sample Quantity	1L
	7. Sample Performance from:	05.12.2025 to 05.12.2025

Sl. No	Characteristics	Unit	Test Method	Results	Acceptable Limit as per IS 10500:2012	Permissible Limit as per IS 10500:2012
1	Colour	CU	IS 3025(part 4)-2021 Visual comparison method	<1	5	15
2	Odour		IS 3025(part 5)-2018	Agreeable	Agreeable	Agreeable
3	Turbidity	NTU	IS 3025(part 10)-2023 Nephelometric method	1.6	1	5
4	pH at 25°C		IS 3025(part 11)-2022 Electrometric method	6.5	6.5 - 8.5	No relaxation
5	Alkalinity	mg/litre	IS 3025(part 23)-2023 Titrimetric method	<5	200	600
6	Total Dissolved Solids (TDS)@180°C	mg/litre	IS 3025(part 16)-2023 Gravimetric Method	23	500	2000
7	Total Hardness (as CaCO ₃)	mg/litre	IS 3025(part 21)-2023 EDTA titrimetric method	5.9	200	600
8	Calcium (as Ca)	mg/litre	IS 3025(part 40)- 2024 EDTA titrimetric method	<5	75	200
9	Magnesium (as Mg)	mg/litre	IS 3025(part 46)- 2023 Volumetric method using EDTA	<5	30	100
10	Chloride (as Cl)	mg/litre	IS 3025(part 32)- 2019 Argentometric Titration method	2.97	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 release of test report.

BDL- Below Detectable Limit, ND-Not Detected

Reviewed and Authorized by:

Sruthi Mohan G

for QUALITY MANAGER
 QUALITY CONTROL DISTRICT LABORATORY
 KERALA WATER AUTHORITY
 MANJERI, MALAPPURAM DT.

KWA/QCDL/MPM/F/04

ISSUE No. 01

Issue Date: 01.09.2021

Rev.No.03

Rev.Date: 17/03/2025

End of Report



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Customer Name & Address			1. Sample Code	J25/2686		
E K C COLLEGE CHERUKULAM ELANKUR MANJERI,MALAPPURAM DIST PIN-676121 PH-9446009826			2. Date of Receipt	03.12.2025		
			3. Sampling Done by	Party		
			4.Sample Description	Drinking Water		
			5. Source of Sample	Open Well		
			6. Sample Quantity	1L		
			7. Sample Performance from: 05.12.2025 to 05.12.2025			
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 ⁰ C	micro mhos/cm	IS 3025(part 14)-2023	35.09		
2	Acidity	mg/litre	IS 3025(part 22)-2024 (Titrimetric Method)	20		
3	Sulphate	mg/litre	IS 3025(part 24)-2022	BDL	200	400
4	Flouride (as F-)	mg/litre	IS 3025(part 60)-2023	BDL	1	1.5
5	Iron (as Fe2+)	mg/litre	IS 3025(part 53)-2024	0.14	1	No relaxation
6	Nitrate (as NO3-)	mg/litre	IS 3025 (Part 34)-2023	0.14	45	No relaxation
7	Residual Chlorine	mg/litre	IS 3025(part 26)-2021	ND	0.2	0.5

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Reviewed and Authorized by:

Sruthi Mohan G

QUALITY MANAGER

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DATE:05.12.2025

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E K C COLLEGE CHERUKULAM	2. Date of Receipt	03.12.2025
ELANKUR	3. Sampling Done by	Party
MANJERI,MALAPPURAM DIST	4.Sample Description	Drinking Water
PIN-676121	5. Source of Sample	Open Well
PH-9446009826	6. Sample Quantity	100ML
	7.Sample Performance from 03.12.2025 to 04.12.2025	

Sl.No	Test parameter	Test Method	Result	Acceptable Limit as per IS 10500:2012
1	Total Coliforms	IS 15185 : 2016 (Reaffirmed 2021)	Absent/ 100 ml	Shall not be detected/100ml
2	E.coli	IS 15185 : 2016 (Reaffirmed 2021)	Absent/ 100 ml	Shall not be detected/100ml

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CFU-Colony Forming Units.

 Tested by: JUSAILA KALANGODATHIL	 Reviewed and Authorized by: PRIYANKA K P
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End of Report

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Checklist for Issuance of School Fitness Certificate

School Type (Govt./Aided/Unaided): Unaided

Sl. No.	Item to be Verified	Yes	No	Remarks
1	Adequate , clean, ventilated toilets with safe water	✓		
2	Classrooms, toilets, wash rooms cleaned regularly	✓		
3	Sick room/health room facility available	✓		
4	First aid kit fully stocked	✓		
5	At least two staff trained in First Aid & CPR	✓		
6	Emergency hospital/ambulance contacts displayed	✓		

പ്രസിദ്ധപ്പെടുത്തുന്നതിനായി
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