



QUALITY CONTROL SUB' DISTRICT LABORATORY

KERALA WATER AUTHORITY

PULIKKEEZHU, THIRUVALLA

Telephone No. 0469 2999833

Email :kwaqcsdplkz@gmail.com

(NABL Recognized Sub Divisional Level Government Drinking Water Testing Laboratory)

Certificate No : DWT - 00894

TEST REPORT

Report No: 2238/PLKZ/07/2026	Date: 07.07.2026
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Customer Name & Address Stella Maris English Medium School Valanjavattom P O Thiruvalla	1.Date of Payment Received	06.07.26
	2. Date of Sample Received	06.07.26
	3. Time of Sampling	12.30 pm
	4. Sampling done by	Health Inspector
	5.Sample Code	2026/QCSDL/PLKZ/P 2238
	6. Source of Sample	RO Plant
	7. Sample Quantity	2 LITRE
	8.Sampling Method	Not Applicable
	9.Test performing dates	From:06.07.2026 to 07.07.2026

Sl. No	Characteristics	Unit	Test Method	Maximum acceptable limits as per IS 10500-2012	Limit of Quantification (LOQ)	Result
1	Colour	HU	APHA 24 th edition 2120 – B (Visual Comparison method)	5	1HU	5
2	Odour		IS 3025 (part-5) -2018	Agreeable	Qualitative Agreeable/Disagreeable	Agreeable
3	Taste		IS 3025 (part- 8) -2023	Agreeable	Qualitative Agreeable/Disagreeable	Agreeable
4	Turbidity	NTU	IS 3025(part-10)- 2023	1	0.5 NTU	< 0.5
5	pH at 25°C		IS 3025(part -11)-2022	6.5-8.5	2	5.72
6	Total Alkalinity(as CaCO ₃)	mg/L	IS 3025(part- 23)-2023	200	5mg/L	< 5
7	Total Dissolved Solids (TDS)	mg/L	IS 3025(part-16)-2023	500	5mg/L	4.27
8	Total Hardness (as CaCO ₃)	mg/L	IS 3025(part-21)-2009 (Reaffirmed 2023)	200	5mg/L	< 5
9	Calcium(as Ca)	mg/L	IS 3025(part-40)-2024	75	5mg/L	< 5
10	Magnesium (as Mg)	mg/L	APHA 24 th edition 3500 – Mg B (Calculation method)	30	5mg/L	< 5
11	Chloride(as Cl)	mg/L	IS 3025(part-32)-2025	250	5mg/L	< 5

Remarks:-

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.

Samples will be retained only for 7 days after completion of analysis.

NT-Not Tested

QUALITY CONTROL SUB-DISTRICT LABORATORY
KERALA WATER AUTHORITY
PULIKKEEZHU, THIRUVALLA

Authorized by

Name: Deepa M P

KWA/PLKZ/R4

Issue No:03

Issue Date: 13.08.2025

Rev. No:01

Rev. Date: 01.01.2026



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TEST REPORT

Report No: 2238/PLKZ/07/2026	Date: 07.07.2026
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	2. Date of Sample Received	06.07.26
	3. Time of Sampling	12.30 pm
	4. Sampling done by	Health Inspector
	5. Sample Code	2026/QCSDL/PLKZ/P 2238
	6. Source of Sample	RO Plant
	7. Sample Quantity	2 LITRE
	8.Sampling Method	Not Applicable
	9.Test performing dates	From: 06.07.2026 to 07.07.2026

Sl. No	Characteristics	Unit	Test Method	Maximum acceptable limits as per IS 10500-2012	Limit of Quantification (LOQ)	Result
1	Electrical Conductivity at 25 ⁰ C	microS/cm	IS 3025(part-14)-2013(Reaffirmed 2023)		10µS	7.12
2	Acidity	mg/L	IS 3025(part-22)-2024		5mg/L	6
3	Sulphate (as SO ₄)	mg/L	IS 3025(part-24/sec 1): 2022	200	5 mg/L	< 5
4	Fluoride (as F)	mg/L	APHA 24 th edition 4500- F ⁻ D	1	0.1 mg/L	< 0.1
5	Iron (as Fe)	mg/L	IS 3025(part-53)-2024	1	0.1 mg/L	0.99
6	Nitrate (as NO ₃)	mg/L	Kit Method	45	1 mg/L	< 1
7	Residual Chlorine	mg/L	Kit Method	0.2		0.1

Remarks:-

NT:- Not Tested

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Authorized by

Name-Deepa M P

** End of Report **

QUALITY CONTROL SUB DISTRICT LABORATORY
KERALA WATER AUTHORITY
PULIKKEEZHU, THIRUVALLA



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TEST REPORT

Report No: 2238/PLKZ/07/2026(MB)	Date: 07.07.2026
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	2. Date of Sample Received	06.07.26
	3. Time of Sampling	12.30 pm
	4. Sampling done by	Health Inspector
	5. Sample Code	2026/QCSDL/PLKZ/P 2238
	6. Source of Sample	RO Plant
	7. Sample Quantity	200 ml
	8. Sampling Method	Not Applicable
	9. Test performing dates	From 06.07.2026 to 07.07.2026

BACTERIOLOGICAL ANALYSIS

Sl. No	Parameters	Acceptable limits as per IS 10500 - 2012	Test Method	Result
1	Total Coliforms	Shall not be detected/100 ml	IS 15185 : 2016(Reaffirmed 2021)	ABSENT
2	<i>E. coli</i>	Shall not be detected/100 ml	IS 15185 : 2016(Reaffirmed 2021)	ABSENT

Remarks:-

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Verified By

Name : Deepa Raj C.S
Bacteriologist

** End of Report **