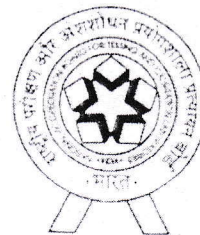




QUALITY CONTROL DISTRICT LABORATORY
KERALA WATER AUTHORITY
THIRUVALLA, PATHANAMTHITTA

Telephone No. 0469 2600833. Email : aeqcdltvla@gmail.com



TC-9566

TEST REPORT

ULR – TC956625000001713F

Report No:1751/TVLA/06/2025(A)		Date:30.06.2025
Customer Name & Address ST. MARY'S RESIDENTIAL PUBLIC SCHOOL PALIAKKARA THIRUVALLA	1. Date of Payment Received	25.06.2025
	2. Date of Sample Received	26.06.2025
	3. Time of Sampling	1.10 pm
	4. Sampling done by	CUSTOMER
	5. Sample Code *	2025/QC/TVLA/T1755
	6. Source of Sample	DRINKING WATER
	7. Sampling Method	Not Applicable
	8. Sample Quantity	2 LITRE
	9. Test performing dates	From:28.06.2025 To:28.06.2025

Sl. No	Characteristics	Unit	Test Method	Maximum acceptable limits as per IS 10500-2012	Status of Accreditation	Limit of Quantification (LOQ)	Result
1	Colour	HU	APHA 24 th edition 2120-Colour method B	5	NABL accredited	1 HU	5
2	Odour		IS 3025(part-5)-2018		NABL accredited	Qualitative	Agreeable
3	Taste		IS 3025(part-8)-2023		NABL accredited	Qualitative	NT
4	Turbidity	NTU	IS 3025(part-10)-2023	1	NABL accredited	0.5 NTU	1.08
5	pH at 25°C		IS 3025(part-11)-2022	6.5-8.5	NABL accredited	2	7.34
6	Electrical Conductivity at 25°C	micro S/cm	IS 3025(part-14)-2013		NABL accredited	10µS/cm	259.7
7	Acidity	mg/L	IS 3025(part-22)-2024		NABL accredited	0.5mg/L	12.12
8	Total Alkalinity (as CaCO ₃)	mg/L	IS 3025(part-23)-2023	200	NABL accredited	1mg/L	76
9	Sulphate (as SO ₄)	mg/L	IS 3025(part-24)-2022	200	NABL accredited	5 mg/L	17.53
10	Total Dissolved Solids	mg/L	IS 3025(part-16)-2023	500	NABL accredited	5mg/L	167

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.



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TC-9566

TEST REPORT

ULR - TC956625000001713F

Report No:1751/TVLA/06/2025(A)

Date:30.06.2025

Customer Name & Address ST. MARY'S RESIDENTIAL PUBLIC SCHOOL PALIAKKARA THIRUVALLA	1. Date of Payment Received	25.06.2025
	2. Date of Sample Received	26.06.2025
	3. Time of Sampling	1.10 pm
	4. Sampling done by	CUSTOMER
	5. Sample Code	2025/QC/TVLA/T1755
	6. Source of Sample	DRINKING WATER
	7. Sampling Method	Not Applicable
	8. Sample Quantity	2 LITRE
	9. Test performing dates	From:28.06.2025 To:28.06.2025

Sl. No	Characteristics	Unit	Test Method	Maximum acceptable limits as per IS 10500-2012	Status of Accreditation	Limit of Quantification (LOQ)	Result
11	Total Hardness (as CaCO ₃)	mg/L	IS 3025(part-21)-2009	200	NABL accredited	1mg/L	84
12	Calcium (as Ca)	mg/L	IS 3025(part-40)-2024	75	NABL accredited	1mg/L	64
13	Magnesium (as Mg)	mg/L	APHA 24 th edition 3500 - Mg method B	30	NABL accredited	1mg/L	4.86
14	Chloride (as Cl)	mg/L	IS 3025(part-32)-1988	250	NABL accredited	1mg/L	26.22
15	Fluoride (as F)	mg/L	APHA 24 th edition 4500 - F - D	1	NABL accredited	0.05 mg/L	0.1
16	Iron (as Fe)	mg/L	IS 3025(part-53)-2024	1	NABL accredited	0.01 mg/L	0.14
17	Nitrate (as NO ₃)	mg/L	APHA 24 th edition 4500 - NO ₃ - B	45	NABL accredited	1.0mg/L	6.61

Remarks: -

NT- Not Tested

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Verified By

Deepthy

Name: Deepthy Gopinath P

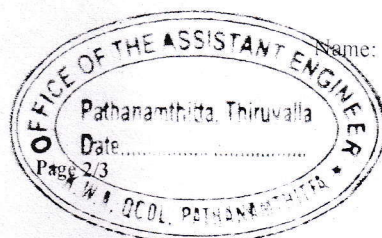
Technical Manager

Authorized by

Nisha V

Name: Nisha V

Technical Manager

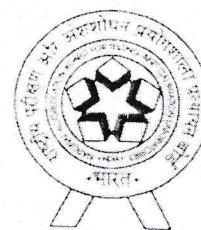




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TC-9566

TEST REPORT

ULR - TC956625000001713F

Report No:1751/TVLA/06/2025(A)		Date:30.06.2025
Customer Name & Address	1.Date of Payment Received	25.06.2025
ST. MARY'S RESIDENTIAL PUBLIC SCHOOL PALIAKKARA THIRUVALLA	2. Date of Sample Received	26.06.2025
	3. Time of Sampling	1.10 pm
	4. Sampling done by	CUSTOMER
	5. Sample Code	2025/QC/TVLA/TI755
	6. Source of Sample	DRINKING WATER
	7. Sampling Method	Not Applicable
	8. Sample Quantity	250 ml
	9. Test performing dates	From: 26.06.2025 To:28.06.2025

BACTERIOLOGICAL ANALYSIS

Sl. No	Parameters	Acceptable limits as per IS 10500 - 2012	Test Method	Status of Accreditation	Result
1	Total Coliforms	Shall not be detected/100 ml	IS 15185:2021	NABL accredited	15 CFU/100 ml
2	E. coli	Shall not be detected/100 ml	IS 15185:2021	NABL accredited	<1 CFU/100 ml

Remarks: -

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Verified By

Name: Jini. S. Thankappen
Technical Manager
(Microbiology)

Authorized by

Name: Remya G
Technical Manager
(Microbiology)

