



QUALITY CONTROL DISTRICT LAB
KERALA WATER AUTHORITY
ALAPPUZHA

Telephone No. 0477-2990650, Email: aeqcdalpy@gmail.com
TC-14216



WATER ANALYSIS REPORT

ULR-TC1421626000000418F

Report No.469/A/2026

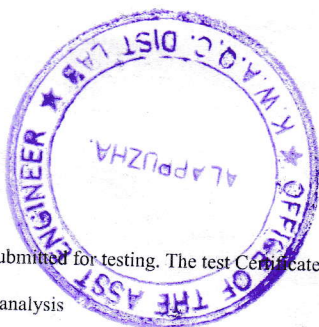
Report Date. 15/05/2026

FR THOMAS PORUKARA CENTRAL SCHOOL CHAMPAKULAM P. O ALAPPUZHA			Date of Receipt	: 12/05/2026
			Date of Sample Collection	: 12/05/2026
			Date of Sample Received	: 12/05/2026
			Time of sampling	: Not Applicable
			Sampling done by	: Customer
			Sample Code	: 2026/QCDL/ALPY 1578
			Source of Sample	: Drinking Water (R.O Water)
			Sampling Method	: Not Applicable
			Nature of Container	: Polypropylene
			Sample Quantity	: 2 L
			Test performing dates	: From 12/05/2026 to 13/05/2026

Sl. No	Characteristics	Unit	Desirable limits as per IS 10500:2012	Permissible limit in the absence of alternative source IS10500:2012	Test Method	Result
1	Colour	Pt-Co Unit	5	15	APHA 24 th edition 2120 B	< 5
2	Odour	-	-	Agreeable	IS 3025(part 5): 2018	Agreeable
3	Taste	-	-	Not Objectionable	IS 3025 (Part 8): 2023	Not Objectionable
4	Turbidity	(NTU)	1	5	IS 3025(part 10): 2023 Nephelometric Method	0.85
5	pH at 25°C	-	6.5-8.5	No Relaxation	IS 3025(part II): 2022 Potentiometric Method	7.71
6	Electrical Conductivity at 25°C	(micro mhos/cm)	-	-	IS 3025(part 14): 2013 (Reaffirmed 2023)	39
7	Total Dissolved Solids (TDS) at 180°C	(mg/litre)	500	2000	IS 3025(part 16): 2023 Gravimetric Method	28
8	Acidity	(mg/litre)	-	-	IS 3025(part 22): 2024 Indicator Method	4
9	Total Alkalinity (as CaCO ₃)	(mg/litre)	200	600	IS 3025(part 23): 2023 Indicator Method	19

Verified By:

Jula T
Technical Manager



Authorized by

Elizabeth John
Quality Manager

Sanitary Chemist
Quality Control District Lab
Kerala Water Authority
Alappuzha - 688001

NB: The result stated above related only to the sample(s) submitted for testing. The test Certificate shall not be produced except in full without the written approval of the Laboratory.
Sample will be retained only for 7 days after completion of analysis
Sampling is not done by the Lab
BDL-Below Detection Limit

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KWA/ALPY/A F4	Issue No. 01	Issue Date: 01.09.2021	Rev. No. 05	Rev. Date: 01/04/2026
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QUALITY CONTROL DISTRICT LAB KERALA WATER AUTHORITY ALAPPUZHA

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TC-14216

WATER ANALYSIS REPORT

ULR-TC142162600000418F

Report No.469/A/2026

Report Date. 15/05/2026

Customer Name & Address	Date of Receipt	: 12/05/2026
FR THOMAS PORUKARA CENTRAL SCHOOL CHAMPAKULAM P. O ALAPPUZHA	Date of Sample Collection	: 12/05/2026
	Date of Sample Received	: 12/05/2026
	Time of sampling	: Not Applicable
	Sampling done by	: Customer
	Sample Code	: 2026/QCDL/ALPY 1578
	Source of Sample	: Drinking Water (R.O Water)
	Sampling Method	: Not Applicable
	Nature of Container	: Polypropylene
	Sample Quantity	: 2 L
	Test performing dates	: From 12/05/2026 to 13/05/2026

Sl. No	Characteristics	Unit	Desirable limits as per IS 10500:2012	Permissible limit in the absence of alternative source IS10500:2012	Test Method	Result
10	Total Hardness (as CaCO ₃)	(mg/litre)	200	600	IS 3025(part 21): 2009 (Reaffirmed 2023), EDTA Method	16
11	Calcium(as Ca)	(mg/litre)	75	200	IS 3025(part 40): 2024 EDTA Titrimetric Method	4.8
12	Magnesium (as Mg)	(mg/litre)	30	100	APHA 24 th Edition 3500 – Mg B Calculation Method	0.98
13	Chloride (as Cl)	(mg/litre)	250	1000	IS 3025(part 32): 2025 Argentometric Method	9.6
14	Nitrate (as NO ₃)	(mg/litre)	45	No Relaxation	APHA 24 th edition 4500 – NO ₃ B Ultraviolet Spectrophotometric Screening Method	2.18
15	Sulphate (as SO ₄)	(mg/litre)	200	400	IS 3025(part 24/Sec 1): 2022 Turbidity Method	1.62
16	Iron (as Fe)	(mg/litre)	1	No Relaxation	IS 3025(part 53): 2024 1,10 Phenanthroline Method	0.15
17	Fluoride (as F)	(mg/litre)	1	1.5	APHA 24 th edition 4500 – F - D SPADNS Method	0.11

Verified By:

Jula T
Technical Manager



Authorized by

Elizabeth John
Quality Manager

Sanitary Chemist
Quality Control District Lab
Kerala Water Authority
Alappuzha - 688001

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BDL-Below Detection Limit

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KWA/ALPY/A F4	Issue No. 01	Issue Date: 01.09.2021	Rev. No. 05	Rev. Date: 01/04/2026
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KERALA WATER AUTHORITY
ALAPPUZHA

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WATER ANALYSIS REPORT

Report No.469/A/2026

Report Date. 15/05/2026

Customer Name & Address	Date of Receipt	: 12/05/2026
FR THOMAS PORUKARA CENTRAL SCHOOL CHAMPAKULAM P. O ALAPPUZHA	Date of Sample Collection	: 12/05/2026
	Date of Sample Received	: 12/05/2026
	Time of sampling	: Not Applicable
	Sampling done by	: Customer
	Sample Code	: 2026/QCDL/ALPY 1578
	Source of Sample	: Drinking Water (R.O Water)
	Sampling Method	: Not Applicable
	Nature of Container	: Polypropylene
	Sample Quantity	: 2 L
	Test performing dates	: From 12/05/2026 to 13/05/2026

Sl. No	Characteristics	Unit	Desirable limits As per IS 10500:2012	Permissible limit in Absence of Alternative source IS 10500:2012	Test Method	Result
1	Residual Chlorine	(mg/litre)	0.2	0.2	IS 3025(Part 26)	Nil

Verified By:

Jula T
Technical Manager

Authorized by

Elizabeth John
Quality Manager

Sanitary Chemist
Quality Control District Lab
Kerala Water Authority
Alappuzha - 688001

Remarks :-

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End of the report

KWA/ALPY/A F4	Issue No. 01	Issue Date: 01.09.2021	Rev. No. 03	Rev. Date: 08/06/2024
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TC-14216

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WATER ANALYSIS REPORT

ULR-TC1421626000000418F

Report No.469/A/2026	Report Date. 15/05/2026
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Customer Name & Address	Date of Receipt	: 12/05/2026
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	Date of Sample Received	: 12/05/2026
	Time of sampling	: Not Applicable
	Sampling done by	: Customer
	Sample Code	: 2026/QCDL/ALPY 1578
	Source of Sample	: Drinking Water (R.O Water)
	Sampling Method	: Not Applicable
	Nature of Container	: Glass
	Sample Quantity	: 250 ml
	Test performing dates	: From 12/05/2026 to 13/05/2026

No	Parameters	Acceptable limits as per – IS 10500 - 2012	Test Method	Result
1	Total Coliforms/100ml	Shall not be detected/100 ml	IS15185:2016 (Reaffirmed 2021)	Absent
2	<i>E. coli</i> /100ml	Shall not be detected/100 ml	IS15185:2016 (Reaffirmed 2021)	Absent

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.



Verified & Authorized by

Dr. Tijith K George
Microbiologist

Bacteriologist
Quality Control District Lab
Kerala Water Authority
Alappuzha - 688001



KWA/ALPY/A F4	Issue No. 01	Issue Date: 01.09.2021	Rev. No. 02	Rev. Date: 21/02/2026
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