



**QUALITY CONTROL DISTRICT LAB**  
**KERALA WATER AUTHORITY**  
**ALAPPUZHA**



Telephone No. 0477-2990650

Email: aeqcdlalpy@gmail.com

TC-14216

**WATER ANALYSIS REPORT**

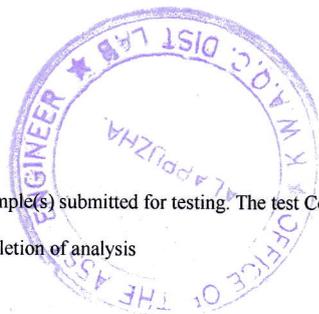
ULR-TC142162500000239F

Report No.391/A/2025	Date 31/05/2025
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Customer Name & Address	Date of payment Received	: 29/05/2025
Father Thomas Porukkara Central School Champakkulam	Date of Sample Collection	: 29/05/2025
	Date of Sample Received	: 29/05/2025
	Time of sampling	: Not Applicable
	Sampling done by	: Customer
	Sample Code	: 2025/QCDL/ALPY 1703
	Source of Sample	: R O Water
	Sampling Method	: Not Applicable
	Nature of Container	: Polypropylene
	Sample Quantity	: 2Lr
	Test performing dates	: From 29/05/2025 to 30/05/2025

Sl. No	Characteristics	Unit	Desirable limits As per IS 10500:2012	Permissible limit in Absence of Alternative source IS10500:2012	Test Method	Result
1	Colour	Pt-Co Unit	5	15	APHA 2120 B	<5
2	Odour	-	-	Agreeable	IS 3025(part 5)-2018	Agreeable
3	Taste	-	-	Not Objectionable	IS3025 (Part 8)2017	Not Objectionable
4	Turbidity	(NTU)	1	5	IS 3025(part10)-1984 (Reaffirmed 2017)	0.29
5	pH at --25--- °C	-	6.5-8.5	NoRelaxation	IS 3025(part 11)-1983 (Reaffirmed 2017)	7.28
6	Alkalinity	(mg/litre)	200	600	IS 3025(part 23)-1986 (Reaffirmed 2019)	197.6
7	Total Dissolved Solids (TDS) at 180°C	(mg/litre)	500	2000	IS 3025(part16)-1984 (Reaffirmed 2017)	90.44
8	Total Hardness (as CaCO <sub>3</sub> )	(mg/litre)	200	600	IS 3025(part21)-2009 (Reaffirmed 2019)	170
9	Calcium(as Ca)	(mg/litre)	75	200	IS 3025(part40)-1991 (Reaffirmed 2019)	36.07
10	Magnesium (as Mg)	(mg/litre)	30	100	APHA 3500 – Mg B	19.44
11	Chloride(as Cl)	(mg/litre)	250	1000	IS 3025(part32)-1988 (Reaffirmed 2019)	148.36

Verified By: *Sulhy*  
Technical Manager  
Sruthy Thomas



Authorized by  
*Elizabeth John*  
Quality Manager  
Elizabeth John

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

Sanitary Chemist  
Quality Control District Lab  
Kerala Water Authority  
Alappuzha - 688001  
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# QUALITY CONTROL DISTRICT LAB KERALA WATER AUTHORITY



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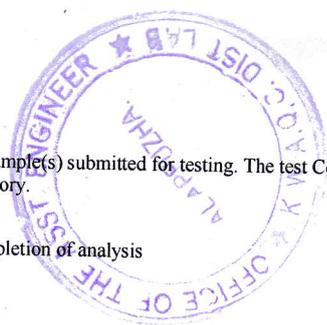
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	Nature of Container	: Polypropylene
	Sample Quantity	: 2Lr
Test performing dates	: From 29/05/2025 to 30/05/2025	

Sl No	Characteristics	Unit	Desirable limits As per IS 10500:2012	Permissible limit in Absence of Alternative source IS 10500:2012	Test Method	Result
12	Electrical conductivity at 25 °C	(micro mhos/cm)	-	-	IS 3025(part14)-2013 (Reaffirmed 2019)	153.5
13	Acidity	(mg/litre)	-	-	IS 3025(part22)-1986 (Reaffirmed 2019)	BDL
14	Sulphate (as SO <sub>4</sub> )	(mg/litre)	200	400	IS 3025(part24)-1986 (Reaffirmed 2019)	10.56
15	Fluoride (as F)	(mg/litre)	1	1.5	APHA 4500 - F D	0.31
16	Iron (as Fe)	(mg/litre)	1	NoRelaxation	IS 3025(part53)-2003 (Reaffirmed 2014)	BDL
17	Nitrate (as NO <sub>3</sub> )	(mg/litre)	45	NoRelaxation	APHA 4500 - NO <sub>3</sub> B	50.93

Verified By: *Sruthy*

Technical Manager  
Sruthy Thomas



Authorized by  
*Elizabeth John*  
Quality Manager  
Elizabeth John

Sanitary Chemist  
Quality Control District Lab  
Kerala Water Authority  
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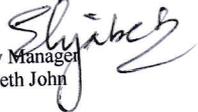
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Test performing dates	: From 29/05/2025 to 30/05/2025	

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:   
Technical Manager  
Sruthy Thomas

Authorized by  
  
Quality Manager  
Elizabeth John

Remarks :-

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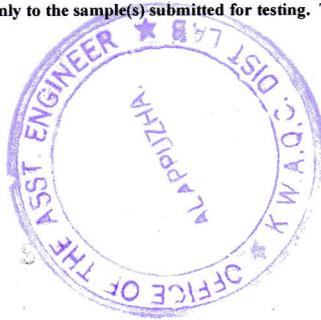
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	Sampling done by	: Customer
	Sample Code	: 2025/QCDL/ALPY 1703
	Source of Sample	: R O Water
	Sampling Method	: Not Applicable
	Nature of Container	: Glass
	Sample Quantity	: 250 ml
	Test performing dates	: From 29/05/2025 to 30/05/2025

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	E.coli/100ml	Shall not be detected/100 ml	IS15185:2016 (Reaffirmed 2021)	ABSENT

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Verified & Authorized By:

ADITHYA.P  
Bacteriologist

**Bacteriologist  
Quality Control District Lab  
Kerala Water Authority  
Alappuzha - 688001**

End of the report