



**QUALITY CONTROL DISTRICT LAB**  
**KERALA WATER AUTHORITY**  
**ALAPPUZHA - Pin - 688001**

Telephone No. 0477-2990650

Email: [aqcdlalpy@gmail.com](mailto:aqcdlalpy@gmail.com)

**WATER ANALYSIS REPORT**

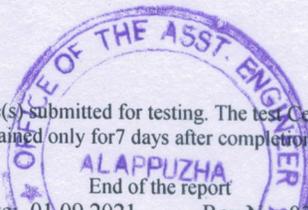
Report No: 388/A/2024	Date: 10/06/2024
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Customer Name & Address  Vijayamatha Public School Kodupunna Alappuzha	Date of payment Received	04/06/2024
	Date of Sample Collection	06/06/2024
	Date of Sample Received	06/06/2024
	Time of sampling	Not Applicable
	Sampling done by	Customer
	Sample Code	2024/QCDL/ALPY A 2136
	Source of Sample	Rain Water
	Sampling Method	Not Applicable
	Sample Quantity	2 Lr
	Nature of Container	Polypropylene
	Test performing dates	From: 06/06/2024 To:07/06/2024

Sl. No	Characteristics	Unit	Acceptable 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 24th Edition-2120-Colour Method B (platinum Cobalt Visual Comparison):2023	<5
2	Odour	-	Agreeable	Agreeable	IS 3025 (part5):2018	Agreeable
3	Taste	-	Not Objectionable	Not Objectionable	IS 3025 (part8):2017	Not Objectionable
4	Turbidity	NTU	1	5	IS 3025 (part10):2023	0.10
5	pH at --25--- °C	-	6.5-8.5	No Relaxation	IS 3025 (part 11):2022	8.75
6	Total Alkalinity	mg/litre	200	600	IS 3025 (part 23):2023	2.0
7	Total Dissolved Solids (TDS) at 180°C	mg/litre	500	2000	IS 3025 (part16):2023	5.63
8	Total Hardness (as CaCO <sub>3</sub> )	mg/litre	200	600	IS 3025 (part21):2019	2.0
9	Calcium(as Ca)	mg/litre	75	200	IS 3025(part40):2019	0.801
10	Magnesium (as Mg)	mg/litre	30	100	APHA 24 <sup>th</sup> Edition-3500-Mg Method B (By Calculation ):2023	BDL
11	Chloride(as Cl)	mg/litre	250	1000	IS 3025 (part32):2019	3.91
12	Electrical conductivity at ...25... 0C	micro mhos/cm	-	-	IS 3025 (PART 14): 2019	10.65
13	Acidity	mg/litre	-	-	IS 3025 (PART-22):2019	2.0
14	Sulphate (as SO <sub>4</sub> )	mg/litre	200	400	IS 3025 (PART 24): 2022 (Turbidity Method)	BDL
15	Fluoride (as F)	mg/litre	1	1.5	APHA 24 th Edition 4500F- D: 2023	BDL
16	Iron (as Fe)	mg/litre	1	No Relaxation	IS 3025 (PART 53):2019	BDL
17	Nitrate (as NO <sub>3</sub> )	mg/litre	45	No Relaxation	APHA 24 th Edition 4500 No <sup>3</sup> B 2023	BDL
18	Residual Chlorine	mg/litre	0.2	0.2	IS 3025 (part 26)	Nil

Verified By:   
Sruthy Thomas  
Technical Manager

Authorized By:   
Elizabeth John  
Quality Manager



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.



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## WATER ANALYSIS REPORT

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Customer Name & Address  Vijayamatha Public School Kodupunna Alappuzha	Date of payment Received	: 04/06/2024
	Date of Sample Collection	: 06/06/2024
	Date of Sample Received	: 06/06/2024
	Time of sampling	: Not Applicable
	Sampling done by	: Customer
	Sample Code	: 2024/QCDL/ALPY A 2136
	Source of Sample	: Rain Water
	Sampling Method	: Not Applicable
	Sample Quantity	: 250 ml
	Nature of Container	: Glass
Test performing dates	: From: 06/06/2024 To: 10/06/2024	

### BACTERIOLOGICAL ANALYSIS

Sl. No	Parameters	Acceptable limits as per – IS 10500 - 2012	Test Method	Result
1	Coliforms	Shall not be detected/100 ml	IS15185:2016	ABSENT
2	E-coli	Shall not be detected/100 ml	IS15185:2016	ABSENT

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.

Test Method:  
Coliform - Membrane Filtration Method  
E- Coli- Membrane Filtration Method

Authorized by



End of the report

Page 1

KWA/ALPY/A F4

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