

## ECOANALYTIKAS WATER TESTING LAB

## Approved by KSPCB

PCB/LAB/CO2/2023

Report ID: ECO/31/05/822	Report Date: 31/05/2024	Page 1of 1

Customer Name &Address	ILAHIA PUBLIC SC MUVATTUPUZHA-	HOOL SENIOR SECONDARY 686673	
	Water	Sample Received on	29/05/2024
Sample Name:	EA/24/05/822	Test started on:	29/05/2024
Sample ID	Well water	Test completed on:	31/05/2024
Sample Description:	Good	Sample Drawn by	Lab
Sample Condition: Sample quantity:	1 L	Received Temperature	Ambient

SI	Parameters	Test method	Unit	Result	Limit As per IS 10500
No		APHA 2120 B	Hz	1.00	Max 5
1_	Colour	IS:3025 PART 6		Agreeable	Agreeable
2	Odour			6.18	6.5-8.5
3	pH	APHA 4500 H <sup>+</sup> B	1	136	Max 500
4	Total Dissolved Solids	APHA 2540 C	mg/L		Max 1.00
5	Turbidity	APHA 2130 B	NTU	2.00	
6	Total Hardness as CaCO <sub>3</sub>	APHA 2340 C	mg/L	72.0	Max 200
	Calcium as Ca	APHA 3500 B	mg/L	20.8	Max 75
7		APHA 3500 B	mg/L	4.87	Max 30
8	Magnesium	APHA 4500 Cl B	mg/L	21.0	Max 250
9	Chloride	APHA 3500 Fe B	mg/L	0.60	Max 0.3
10	Iron	The second secon		30.0	Max 200
11	Total Alkalinity as CaCO <sub>3</sub>	APHA 2320 B	mg/L	-	Max 200
12	Sulphate as SO <sub>4</sub>	APHA 4500 SO <sub>4</sub> E	mg/L	14.7	
13	Total coliform bacteria	APHA 9222B	cfu/100ml	<1*	Absent/100ml
14	E. coli	APHA 9222G	cfu/100ml	<1*	Absent/100ml

<1\* is equivalent to Absent or non-detectable.

Remarks: The given sample complies with all the above test parameters as per IS10500 except pH, Turbidity and Iron.

urbidity and Iron.  DINCY DARVIN	ANNA FRANCIS	GOVANITHA KHADER
Chemist Dyou	Microbiologist	Lab Head
Checked by:	Checked by	Authorized by:

Notes

1. The test result is pertained to the sample submitted only.

2. The sample will be retained for 15 days in chilled condition.

Ine sample will be relained for 13 days in chilled condition.
 The test report shall not be produced except in full without the written permission.

\*END OF REPORT\*

Kuttamassery, Thottumugham P.O, Aluva 683105, Kerala

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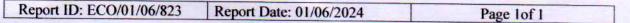
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License number: 400611/RPTL20/GPO/2024/2519



## ECOANALYTIKAS WATER TESTING LAB

## Approved by KSPCB PCB/LAB/CO2/2023



Customer Name &Address	ILAHIA PUBLIC SCHOOL SENIOR SECONDARY MUVATTUPUZHA-686673		
Sample Name:	Water	Sample Received on	29/05/2024
Sample ID	EA/24/05/823	Test started on:	29/05/2024
Sample Description:	Filter out	Test completed on:	01/06/2024
Sample Condition:	Good	Sample Drawn by	Lab
Sample quantity:	1 L	Received Temperature	Ambient

SI No	Parameters	Test method	Unit	Result	Limit As per IS 10500
1	Colour	APHA 2120 B	Hz	1.00	Max 5
2	Odour	IS:3025 PART 6		Agreeable	Agreeable
3	pH	APHA 4500 H <sup>+</sup> B		6.50	6.5-8.5
4	Total Dissolved Solids	APHA 2540 C	mg/L	120	Max 500
5	Turbidity	APHA 2130 B	NTU	<1.00	Max 1.00
6	Total Hardness as CaCO <sub>3</sub>	APHA 2340 C	mg/L	60.0	Max 200
7	Calcium as Ca	APHA 3500 B	mg/L	16.0	Max 75
8	Magnesium	APHA 3500 B	mg/L	4.87	Max 30
9	Chloride	APHA 4500 CLB	mg/L	20.0	Max 250
10	Iron	APHA 3500 Fe B	mg/L	0.10	Max 0.3
11	Total Alkalinity as CaCO <sub>3</sub>	APHA 2320 B	mg/L	28.0	Max 200
12	Sulphate as SO <sub>4</sub>	APHA 4500 SO <sub>4</sub> E	mg/L	13.8	Max 200
13	Total coliform bacteria	APHA 9222B	cfu/100ml	58	Absent/100ml
14	E. coli	APHA 9222G	cfu/100ml	<1*	Absent/100ml

<sup>&</sup>lt;1\* is equivalent to Absent or non-detectable.

Remarks: The given sample complies with all the above test parameters as per IS10500 except Total coliform bacteria

DINCY DARVIN	ANNA FRANCIS	CANITHA KHADER .
Chemist Oct	Microbiologist	Lab Head Diggs
Checked by:	Checked by	Authorized by

Notes

1. The test result is pertained to the sample submitted only.

2. The sample will be retained for 15 days in chinea common.

3. The test report shall not be produced except in full without the written permission of the AMASSERY, ALUVA

\*END OF REPORT\*

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