



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

Sl 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 ⁺ B	----	6.18	6.5-8.5
4	Total Dissolved Solids	APHA 2540 C	mg/L	136	Max 500
5	Turbidity	APHA 2130 B	NTU	2.00	Max 1.00
6	Total Hardness as CaCO ₃	APHA 2340 C	mg/L	72.0	Max 200
7	Calcium as Ca	APHA 3500 B	mg/L	20.8	Max 75
8	Magnesium	APHA 3500 B	mg/L	4.87	Max 30
9	Chloride	APHA 4500 Cl B	mg/L	21.0	Max 250
10	Iron	APHA 3500 Fe B	mg/L	0.60	Max 0.3
11	Total Alkalinity as CaCO ₃	APHA 2320 B	mg/L	30.0	Max 200
12	Sulphate as SO ₄	APHA 4500 SO ₄ E	mg/L	14.7	Max 200
13	Total coliform bacteria	APHA 9222B	cfu/100ml	<1*	Absent/100ml
14	<i>E. coli</i>	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.

DINCY DARVIN	ANNA FRANCIS	ANITHA KHADER
Chemist	Microbiologist	Lab Head
Checked by:	Checked by:	Authorized by:

Notes

- The test result is pertained to the sample submitted only.
- The sample will be retained for 15 days in chilled condition.
- The test report shall not be produced except in full without the written permission of the Lab.

END OF REPORT





ECOANALYTIKAS WATER TESTING LAB

Approved by KSPCB

PCB/LAB/CO2/2023

Report ID: ECO/01/06/823	Report Date: 01/06/2024	Page 1 of 1
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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

Sl 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 ⁺ 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 ₃	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 Cl B	mg/L	20.0	Max 250
10	Iron	APHA 3500 Fe B	mg/L	0.10	Max 0.3
11	Total Alkalinity as CaCO ₃	APHA 2320 B	mg/L	28.0	Max 200
12	Sulphate as SO ₄	APHA 4500 SO ₄ E	mg/L	13.8	Max 200
13	Total coliform bacteria	APHA 9222B	cfu/100ml	58	Absent/100ml
14	<i>E. coli</i>	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 Total coliform bacteria

DINCY DARVIN	ANNA FRANCIS	ANITHA KHADER
Chemist	Microbiologist	Lab Head
Checked by: <i>[Signature]</i>	Checked by: <i>[Signature]</i>	Authorized by: <i>[Signature]</i>

Notes

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- The sample will be retained for 15 days in chilled condition.
- The test report shall not be produced except in full without the written permission of the lab.

END OF REPORT



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