



QUALITY CONTROL SUB DISTRICT LABORATORY, MUKHATHALA BLOCK

KERALA WATER AUTHORITY  
CANTONMENT, KOLLAM 691001

REPORT ON ANALYSIS OF WATER

Report No - 2022/QCSDL/MKL/ 273		Date : 25.04.2022	
Customer Name & Address		1. Date of Sample received: 21.04.2022	
<b>PRINCIPAL MAHATMA CENTRAL SCHOOL, MAHATMA NAGAR, ERAVIPURAM P.O., KOLLAM 691 011, PH.9995474376.</b>		2. Sampling done by: <b>CUSTOMER</b>	
		3. Sample Quantity : 250 ml	
		4. Source of Sample : <b>Well Water</b>	
		5. Sample Code : 2022/QCSDL/MKL/273	
		6. Test Performing Dates:-	
		From : 21.04.2022 To : 23.04.2022	
Sl. No.	Parameters	Unit	Result
1	Total Coliforms	MPN in 100 ml	NIL
2	E. Coli	MPN in 100 ml	NIL

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.

Authorised By *Deeps* 25/4/22

\* End of Report \*

KWA/QCSDL/MKL/01 Issue No. 02 Issue Date : 10.06.2021 Rev. No. 01 Rev. Date : 07.03.2022

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Bacteriologist  
Quality Control Sub District Laboratory  
Mukhathala Block  
Kerala Water Authority, Kollam

*A. S. George*  
Manager  
Mahatma Central School  
Eravipuram



*THANUJA DEVI. R.T*  
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QUALITY CONTROL SUB DISTRICT LABORATORY, MUKHATHALA BLOCK  
KERALA WATER AUTHORITY  
CANTONMENT P.O.  
KOLLAM - 691001

Water Analysis Report

Report No - 2022/QCSDL/MKL/273		Date : 25.04.2022			
Customer Name & Address		1. Date of Receipt : 21.04.2022			
<b>PRINCIPAL MAHATMA CENTRAL SCHOOL, MAHATMA NAGAR, ERAVIPURAM P.O., KOLLAM 691 011, PH.9995474376.</b>		2. Sampling done by - CUSTOMER			
		3. Sample Code : 2022/QCSDL/MKL/273			
		4. Source of Sample : Well Water			
		5. Sample Quantity : 2 Litres			
		6. Test Performing Dates From : 21.04.2022 To : 23.04.2022			
Sl. No.	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
1	Electrical Conductivity (at 25 °C)	(micro mhos/cm)	IS 3025 ( Part 14 ) - 2013 (Reaffirmed 2019)		352.8
2	Acidity	( mg/litre)	IS 3025 ( Part 22 ) - 1986 (Reaffirmed 2019)		16.0
3	Sulphate (as SO <sub>4</sub> )	(mg/litre)	IS 3025 (part 24) - 1986 (Reaffirmed 2019)	200	35.80
4	Fluoride (as F)	(mg/litre)	APHA 4500 - F D	1.0	0.00
5	Iron (as Fe)	(mg/litre)	IS 3025 (part 53) - 2003 (Reaffirmed 2014)	1.0	0.14
6	Nitrate (as NO <sub>3</sub> )	(mg/litre)	APHA 4500 - NO <sub>3</sub> - B	45	31.04

Remarks:-

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*[Signature]*  
26/4/22  
Authorized By  
SANITARY CHEMIST  
QUALITY CONTROL SUB DISTRICT LABORATORY  
MUKHATHALA BLOCK  
KERALA WATER AUTHORITY  
KOLLAM

\* End of Report \*

KWA/QCSDL/MKL/01 Issue No. 01 Issue Date : 10.06.2021 Rev. No. 01 Rev. Date : 07.03.2022

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Manager  
Mahatma Central School  
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TC-10376

**QUALITY CONTROL SUB DISTRICT LABORATORY, MUKHATHALA BLOCK**  
**KERALA WATER AUTHORITY**  
**CANTONMENT P.O.,**  
**KOLLAM - 691001**

**Water Analysis Report**

ULR - TC103762200000076F

Report No - 2022/QCSDL/MKL/273				25.04.2022	
Customer Name & Address		1. Date of Receipt : 21.04.2022			
<b>PRINCIPAL,</b> <b>MAHATMA CENTRAL SCHOOL,</b> <b>MAHATMA NAGAR,</b> <b>ERAVIPURAM P.O., KOLLAM 691 011,</b> <b>PH.9995474376.</b>		2. Sampling done by - CUSTOMER			
		3. Sample Code : 2022/QCSDL/MKL/273			
		4. Source of Sample : <b>Well Water</b>			
		5. Sample Quantity : 2 Litres			
		6. Test Performing Dates			
		From : 21.04.2022			
Sl. No.	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
1	Colour	(CU)	APHA -2120 Method B	5	5
2	Odour		IS 3025 (part 5) - 2018		Agreeable
3	Taste		IS 3025 (part 8) - 2017		Agreeable
4	Turbidity	(NTU)	IS 3025 (part 10) - 1984	1	1.03
5	pH at 25 °C		IS 3025 (part 11) - 1983 Electrometric Method	6.5 to 8.5	4.927
6	Total Dissolved Solids (TDS)	(mg/litre)	IS 3025 (part 16) - 1984	500	174
7	Total Alkalinity	(mg/litre)	IS 3025 (part 23) - 1986	200	<5
8	Total Hardness (as Ca CO <sub>3</sub> )	(mg/litre)	IS 3025 (part 21) - 2009 EDTA Method	200	70.0
9	Calcium (as Ca)	(mg/litre)	IS 3025 (part 40) - 1991 EDTA Method	75	18.43
10	Magnesium (as Mg)	(mg/litre)	APHA 3500 - Mg B	30	5.83
11	Chloride (as Cl)	(mg/litre)	IS 3025 (part 32) - 1988 Argentometric Method	250	38.78

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\* End of Report \*

KWA/QCSDL/MKL/01

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*[Signature]*  
28/4/22  
Authorized By  
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KERALA WATER AUTHORITY  
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07.05.2022

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