



**KERALA WATER AUTHORITY**  
**QUALITY CONTROL SUB DISTRICT LABORATORY**  
**NEMOM, THIRUVANANTHAPURAM**  
 Telephone No - 0471-2961386, E-mail - aeeqcsdtvm@gmail.com  
**Test Report**



TC-10395

ULR No: TC103952200001728F

Test Report. No. KWA/QCSDL/NM/2022/6388

Date of Report : 18/10/2022

Customer Name & Address			1. Date of Receipt : 13/10/2022		
<b>MGM CPS SCHOOL</b> <b>NEAR AAKULAM BRIDGE</b> <b>KUZHIVILA</b> <b>THIRUVANANTHAPURAM 695 583</b> <b>PH NO 9862579335</b>			2. Sampling done by : The Customer		
			3. Sample Code : 2022/6388		
			4. Source of Sample : OPEN WELL		
			5. Sample Quantity : 2 litre		
			6. Test Performing Dates		
			From : 14/10/2022 To : 15/10/2022		
Sl. No.	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
1	Colour	CU Units	APHA 2120 Colour Method B (Pt - Co Visual Comparison) 2017	5	5
2	Odour	Qualitative	IS 3025 (Part 5-2018)		agreeable
3	Turbidity	(NTU)	IS 3025 (Part 10) 2017	1	0.51
4	p <sup>H</sup> at 25°C		IS 3025 (Part 11) - 2022 Electrometric Method	6.5 to 8.5	7.62
5	Total Alkalinity (as CaCO <sub>3</sub> )	(mg/litre)	IS 3025 (Part 23) 2019	200	18.00
6	Total Dissolved Solids (TDS)	(mg/litre)	IS 3025 (Part 16) 2017	500	30.05
7	Total Hardness (as Ca CO <sub>3</sub> )	(mg/litre)	IS 3025 (Part 21) 2019 EDTA Method	200	10.15
8	Calcium (as Ca)	(mg/litre)	IS 3025 (Part 40) 2019 EDTA Method	75	0.81
9	Magnesium (as Mg)	(mg/litre)	APHA 3500 - MgB	30	1.97
10	Chloride (as Cl)	(mg/litre)	IS 3025 (Part 32) 2019 Argentometric Method	250	12.81

Remarks:-

- NB:-
1. The results stated above related only to the sample(s) received for testing.
  2. This test certificate shall not be reproduced except in full without the written approval of the Laboratory.

Analyzed by:

*[Signature]*  
18/10/22

Authorized By

*[Signature]*  
**QUALITY MANAGER**  
 QUALITY CONTROL SUB DISTRICT LAB  
 KERALA WATER AUTHORITY  
 NEMOM, THIRUVANANTHAPURAM

\* End of Report \*

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Date of Report: 18/10/2022

<b>Customer Name &amp; Address</b>			<b>1. Date of Receipt : 13/10/2022</b>	
<b>MGM CPS SCHOOL NEAR AAKULAM BRIDGE KUZHIVILA THIRUVANANTHAPURAM 695 583 PH NO 9862579335</b>			<b>2. Sampling done by : THE CUSTOMER</b>	
			<b>3. Sample Code : 2022/6388</b>	
			<b>4. Source of Sample : OPEN WELL</b>	
			<b>5. Sample Quantity : 2 litre</b>	
			<b>6. Test Performing Dates</b>	
			<b>From : 15/10/2022</b>	<b>To : 17/10/2022</b>
<b>Sl. No.</b>	<b>Parameter</b>	<b>Acceptable Limits as per IS 10500-2012</b>	<b>Test Method</b>	<b>Result</b>
1	Total Coliform	Shall not be detected/100 ml	IS 5401 (Part- 2) 2012 ISO 4831 : 2006	ABSENT
2	E coli	Shall not be detected/100 ml	IS 5401 (Part- 2) 2012 ISO 4831 : 2006	ABSENT

**Remarks:**

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**Analyzed By**

\* End of Report \*

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# KERALA WATER AUTHORITY

## QUALITY CONTROL SUB DISTRICT LABORATORY

NEMOM, THIRUVANANTHAPURAM

Telephone No - 0471-2961386, E-mail - aeeqcsdtvm@gmail.com

### Test Report

Test Report. No -KWA/QCSDL/NM/2022/6388

Date of Report: 18.10.2022

Customer Name & Address			1. Date of Receipt : 13.10.2022		
<b>MGM CPS SCHOOL</b> <b>NEAR AAKULAM BRIDGE</b> <b>KUZHIVILA</b> <b>THIRUVANANTHAPURAM 695 583</b> <b>PH NO 9862579335</b>			2. Sampling done by : THE CUSTOMER		
			3. Sample Code : 2022/6388		
			4. Source of Sample : OPEN WELL		
			5. Sample Quantity : 2 Litre		
			6. Test Performing Dates		
			From : 14.10.2022 To : 15.10.2022		
Sl. No.	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 -	Result
1	Electrical Conductivity at 25 °C	(micro mhos/cm)	IS 3025 (part 14) - 2013 (R. 2019)		52.12
2	Acidity	(mg/litre)	IS 3025 (part 22) - 1986 (R. 2019)		NIL
3	Sulphate (as SO <sub>4</sub> )	(mg/litre)	IS 3025 (part 24) - 1986 (R. 2019)	200	0.79
4	Fluoride (as F)	(mg/litre)	IS 3025 (part 60) - 2008 (R. 2013)	1.0	0.23
5	Iron (as Fe)	(mg/litre)	IS 3025 (part 53) - 2003 (R. 2014)	1.0	NIL
6	Nitrate (as NO <sub>3</sub> )	(mg/litre)	IS 3025 (part 34) - 1988 (R. 2019)	45	0.90
7	Residual Chlorine	(mg/litre)	IS 3025 (part 26) - 1988 (R. 2019)	0.2	NIL

#### Remarks:-

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Analyzed by:

Authorized By

*[Signature]*  
18/10/22

*[Signature]*  
Jayaraj R.

\* End of Report \*

QUALITY MANAGER  
QUALITY CONTROL SUB DISTRICT LAB  
KERALA WATER AUTHORITY  
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