



**QUALITY CONTROL DISTRICT LABORATORY**  
**KERALA WATER AUTHORITY**  
**CANTONMENT PO, KOLLAM - 691 001**

**Test Report**

Report No - 2022/QCDKLM/2614			Date of Issue : 19/08/2022		
Customer Name & Address			1. Date of Receipt : 16/08/2022		
MANAGER, K M J CENTRAL SCHOOL, PALLIMUKKU, VADAKKEVILA.P.O., KOLLAM - 691 010 9995321481			2. Sampling done by : Customer		
			3. Sample Code : 2022/QCDKLM/2614		
			4. Source of Sample : Well Water		
			5. Sample Quantity : 2 Litres		
			6. Test Performing Dates		
			From : 17/08/2022 To : 19/08/2022		
Sl. No.	Characteristics	Unit	Test Method	Maximum Acceptable limits as per IS 10500 - 2012	Result
1	Electrical Conductivity at 25°C	(micro mhos/cm)	IS 3025 (part 14) - 1984	-	400.7
2	Acidity	(mg/L)	IS 3025 (part 22) - 1986 Indicator Method	-	
3	Sulphate (as SO <sub>4</sub> )	(mg/L)	IS 3025 (part 24) - 1986 Turbidity Method using Spectrophotometer	200	
4	Fluoride (as F)	(mg/L)	APHA 23rd Edition 4500 - F <sup>-</sup> D: 2017 SPADNS Method	1.0	
5	Iron (as Fe)	(mg/L)	IS 3025 (part 53) - 2003 1,10 Phenanthroline Method	1.0	
6	Nitrate (as NO <sub>3</sub> )	(mg/L)	APHA 23rd Edition 4500 - NO <sub>3</sub> <sup>-</sup> B: 2017 UV Spectrophotometric Screening Method	45	

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.

Verified By

Name : **FOUSIYA.S**  
Sanitary Chemist

Authorized By

Name: **Sreeja R**  
Senior Sanitary Chemist

KWA/KLM/R/19

Issue No. 01

\* End of Report \*  
Issue Date: 01.02.2021  
Page 1 of 1

**QUALITY MANAGER**  
Rev. No. 02 Rev. Date: 01.06.2022  
**QUALITY CONTROL DISTRICT LAB**  
**KERALA WATER AUTHORITY**  
**KOLLAM**





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**Test Report**

ULR - TC956522000001985F

Report No - 2022/QCDKLM/2614			Date of Issue : 19/08/2022		
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			3. Sample Code : 2022/QCDKLM/2614		
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			5. Sample Quantity : 2 Litres		
			6. Test Performing Dates From : 17/08/2022 To : 19/08/2022		
Sl. No.	Characteristics	Unit	Test Method	Maximum Acceptable limits as per IS 10500 - 2012	Result
1	Colour	(CU)	APHA 23rd Edition: 2120 Colour Method B (Platinum Cobalt Visual Comparison):2017	5	5
2	Odour		IS 3025 (Part 5): 2018	Agreeable	
3	Turbidity	(NTU)	IS 3025 (Part 10): 1984 Nephelometric Method	1	0.17
4	pH at 25°C		IS 3025 (Part 11): 2022 Electrometric Method	6.5 to 8.5	7.204
5	Total Alkalinity	(mg/L)	IS 3025 (Part 23): 1986 Indicator Method	200	
6	Total Dissolved Solids (TDS)	(mg/L)	IS 3025 (Part 16): 1984 Gravimetric Method	500	234.3
7	Total Hardness (as CaCO <sub>3</sub> )	(mg/L)	IS 3025 (Part 21): 2009 EDTA Method	200	
8	Calcium (as Ca)	(mg/L)	IS 3025 (Part 40): 1991 EDTA Method	75	
9	Magnesium (as Mg)	(mg/L)	APHA 23rd Edition: 3500 Method B (By calculation 2017)	30	
10	Chloride (as Cl)	(mg/L)	IS 3025 (Part 32): 1988 Argentometric Method	250	

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Sanitary Chemist

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Senior Sanitary Chemist

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