



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

TC-9565

Test Report

ULR - TC956523000002708F

Report No - 2023/QCDKLM/2907		Date of Issue : 09/08/2023			
Customer Name & Address		1. Date of Receipt : 07/08/2023			
VIMALA CENTRAL SCHOOL, KARAMCODE.P.O, KOLLAM - 691 579 9645400479		2. Sampling done by : Customer			
		3. Sample Code : 2023/QCDKLM/2907			
		4. Source of Sample : Open Well Water			
		5. Sample Quantity : 2 Litres			
		6. Test Performing Dates			
		From : 08/08/2023 To : 09/08/2023			
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	Agreeable
3	Turbidity	(NTU)	IS 3025 (Part 10): 1984 Nephelometric Method	1	0.24
4	pH at 25°C	-	IS 3025 (Part 11): 2022 Electrometric Method	6.5 to 8.5	5.241
5	Total Alkalinity	(mg/L)	IS 3025 (Part 23): 1986 Indicator Method	200	6.25
6	Total Dissolved Solids (TDS)	(mg/L)	IS 3025 (Part 16): 2023 Gravimetric Method	500	52.14
7	Total Hardness (as CaCO ₃)	(mg/L)	IS 3025 (Part 21): 2009 EDTA Method	200	6.18
8	Calcium (as Ca)	(mg/L)	IS 3025 (Part 40): 1991 EDTA Method	75	1.65
9	Magnesium (as Mg)	(mg/L)	APHA 23rd Edition: 3500 Method B (By calculation 2017)	30	<1
10	Chloride (as Cl)	(mg/L)	IS 3025 (Part 32) : 1988 Argentometric Method	250	15.67
11	Electrical Conductivity at 25°C	(micro mhos/cm)	IS 3025 (part 14) - 2013	-	90.63
12	Acidity	(mg/L)	IS 3025 (part 22) - 1986 Indicator Method	-	32.09
13	Sulphate (as SO ₄)	(mg/L)	IS 3025 (part 24/Sec 1) - 2022 Turbidity Method using Spectrophotometer	200	1.38
14	Fluoride (as F)	(mg/L)	APHA 23rd Edition 4500 - F D: 2017 SPADNS Method	1.0	<0.01
15	Iron (as Fe)	(mg/L)	IS 3025 (part 53) - 2003 1,10 Phenanthroline Method	1.0	0.04
16	Nitrate (as NO ₃)	(mg/L)	APHA 23rd Edition 4500 - NO ₃ B: 2017 UV Spectrophotometric Screening Method	45	18.87

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 : *Syma S*
Sanitary Chemist

Authorized By
Name: *Fousiya S*
Sanitary Chemist

KWA/KLM/R/19

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* End of Report *
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**SANITARY CHEMIST
QUALITY CONTROL DISTRICT LAB
KERALA WATER AUTHORITY
KOLLAM**

Manager

VIMALA CENTRAL SCHOOL



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QUALITY CONTROL DISTRICT LABORATORY
KERALA WATER AUTHORITY
CANTONMENT P O, KOLLAM - 691 001

REPORT ON ANALYSIS OF WATER

Report No - 2023/QCDKLM/2907		Date: 10/08/2023		
Customer Name & Address		1. Date of Sample received: 07/08/2023		
VIMALA CENTRAL SCHOOL, KARAMCODE.P.O, KOLLAM - 691 579 9645400479		2. Sampling done by: Customer		
		3. Sample Quantity : 250 ml		
		4. Source of Sample : Open Well Water		
		5. Sample Code : 2023/QCDKLM/2907		
		6. Test Performing Dates		
		From : 07/08/2023 To : 10/08/2023		
Sl. No.	Parameters	Acceptable limits as per IS 10500 - 2012	Test Method	Result
1	Total Coliforms/100 ml	Shall not be detected/100 ml	IS 15185 : 2016 ISO 9308 - 1 : 2014	PRESENT
2	E. coli /100 ml	Shall not be detected/100 ml	IS 15185 : 2016 ISO 9308 - 1 : 2014	ABSENT

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.

Authorized By

[Signature]
BACTERIOLOGIST
QUALITY CONTROL DISTRICT LAB
KERALA WATER AUTHORITY
KOLLAM

* End of Report *

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[Signature]

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[Signature]
TOM MATHEW
PRINCIPAL