



**QUALITY CONTROL DISTRICT LABORATORY
KERALA WATER AUTHORITY
CANTONMENT PO, KOLLAM - 691001**

TC-9565

Test Report

U.L.R - TC956522000002199F

Report No - 2022/QCDKLM/2939			Date of Issue : 22/09/2022		
Customer Name & Address			1. Date of Receipt : 19/09/2022		
<p align="center">ST MARYS BETHANY CENTRAL SCHOOL ST MARYS BETHANY CENTRAL SCHOOL VALAKOM P.O. KOTTARAKKARA KOLLAM, KERALA 691532 8547806575</p>			2. Sampling done by : Customer		
			3. Sample Code : 2022/QCDKLM/2939		
			4. Source of Sample : Well water		
			5. Sample Quantity : 2 Litres		
			6. Test Performing Dates		
			From : 20/09/2022		
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	Agreeable
3	Turbidity	(NTU)	IS 3025 (Part 10): 1984 Nephelometric Method	1	1.78
4	pH at 25°C		IS 3025 (Part 11): 2022 Electrometric Method	6.5 to 8.5	6.772
5	Total Alkalinity	(mg/L)	IS 3025 (Part 23): 1986 Indicator Method	200	23.52
6	Total Dissolved Solids (TDS)	(mg/L)	IS 3025 (Part 16): 1984 Gravimetric Method	500	71.55
7	Total Hardness (as CaCO ₃)	(mg/L)	IS 3025 (Part 21): 2009 EDTA Method	200	36.72
8	Calcium (as Ca)	(mg/L)	IS 3025 (Part 40): 1991 EDTA Method	75	13.91
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	14.27

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.

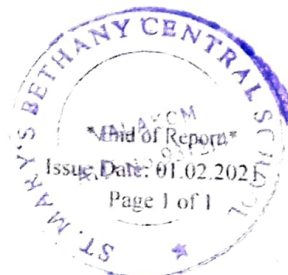
Verified By

Name : **FOUSIYA-S**
Sanitary Chemist

Authorized By

Name: **Sreeja R**
Senior Sanitary Chemist
QUALITY MANAGER
QUALITY CONTROL DISTRICT LAB
KERALA WATER AUTHORITY
KOLLAM
Rev. No. 02
Rev. Date: 01.06.2022

KWA/KLM/019
The Principal Issue No. 01
St. Mary's Bethany Central School
Valakom



The Manager
St. Mary's Bethany Central School
Valakom

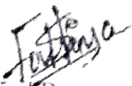



QUALITY CONTROL DISTRICT LABORATORY
KERALA WATER AUTHORITY
CANTONMENT PO, KOLLAM - 691001


Test Report

Report No - 2022/QCDKLM/2939			Date of Issue : 22/09/2022		
Customer Name & Address			1. Date of Receipt : 19/09/2022		
ST MARYS BETHANY CENTRAL SCHOOL ST MARYS BETHANY CENTRAL SCHOOL VALAKOM P O, KOTTARAKKARA KOLLAM, KERALA 691532 8547806575			2. Sampling done by : Customer		
			3. Sample Code : 2022/QCDKLM/2939		
			4. Source of Sample : Well water		
			5. Sample Quantity : 2 Litres		
			6. Test Performing Dates		
			From : 20/09/2022		To : 20/09/2022
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	-	124.7
2	Acidity	(mg/L)	IS 3025 (part 22) - 1986 Indicator Method	-	15.69
3	Sulphate (as SO ₄)	(mg/L)	IS 3025 (part 24) - 1986 Turbidity Method using Spectrophotometer	200	7.69
4	Fluoride (as F)	(mg/L)	APHA 23rd Edition 4500 - F ⁻ D: 2017 SPADNS Method	1.0	0.30
5	Iron (as Fe)	(mg/L)	IS 3025 (part 53) - 2003 1,10 Phenanthroline Method	1.0	0.16
6	Nitrate (as NO ₃)	(mg/L)	APHA 23rd Edition 4500 - NO ₃ ⁻ B: 2017 UV Spectrophotometric Screening Method	45	6.72


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


Issue No. 01
The Principal
St. Mary's Bethany Central School
Valakom



QUALITY MANAGER
QUALITY CONTROL DISTRICT LAB
Rev. KERALA WATER AUTHORITY 2022
KOLLAM

The Manager
St. Mary's Bethany Central School
Valakom

Telephone No - 0474 2994773
E-mail - qcdlkollam@gmail.com



QUALITY CONTROL DISTRICT LABORATORY
KERALA WATER AUTHORITY
CANTONMENT P O, KOLLAM - 691 001
REPORT ON ANALYSIS OF WATER

Report No - 2022/QCDKLM/2939		Date: 20/09/2022		
Customer Name & Address		1. Date of Sample received: 19/09/2022		
St MARY'S BETHANY CENTRAL SCHOOL, St MARY'S BETHANY CENTRAL SCHOOL, VALAKOM.P.O. KOTTARAKKARA, KOLLAM - 691 532 8547806575		2. Sampling done by: Customer		
		3. Sample Quantity : 250 ml		
		4. Source of Sample : Well Water		
		5. Sample Code : 2022/QCDKLM/2939		
		6. Test Performing Dates From : 19/09/2022 To : 20/09/2022		
Sl. No.	Parameters	Acceptable limits as per IS 10500 - 2012	Test Method	Result
1	Total Coliforms	Shall not be detected/100 ml	IS 15185 : 2016 ISO 9308 - 1 : 2014	ABSENT
2	E. Coli	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

* End of Report *

KWA/KLM/R/19

Issue No. 01

Issue Date: 22.10.2020

Rev.No.

Page 1 of 1

BACTERIOLOGIST
QUALITY CONTROL DISTRICT LAB
KERALA WATER AUTHORITY
KOLLAM

The Principal
St. Mary's Bethany Central School
Valakom



The Manager
St. Mary's Bethany Central School
Valakom