



KERALA WATER AUTHORITY
QUALITY CONTROL SUB DISTRICT LABORATORY
THIRAYINKEEZHI, ATTINGAL, THIRUVANANTHAPURAM
 E-mail - qcsdlcz@gmail.com Phone No:0470 299 1352



Test Report

ULR No: TC108382400000476F

Test Report No. KWA/QCSDL/CZ/2024/485

Date of Report :24/02/2024

Sl. No.	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
Customer Name & Address			1. Date of Receipt :23/02/2024		
SREE AUROBINDO PUBLIC SCHOOL G SURESH KARAVARAM KALLAMBALAM P.O PII 695605 PII 9388420085			2. Sampling done by :The Customer (QUA 111418)		
			3. Sample Code : KWA/QCSDL/CZ/2024/485		
			4. Sample Particulars :DRINKING WATER		
			5. Sample Quantity :2 litre		
			6. Test Performing Dates		
1	Colour	CU	IS 3025 (Part 4) 2021 Platinum Cobalt visual comparison	5	5
2	Odour	-	IS 3025 (Part 5) 2018	Agreeable	Agreeable
3	Turbidity	(NTU)	IS 3025 (Part 10) 2023 Nephelometric method	1	0.09
4	pH at 25°C	-	IS 3025 (Part 11) 2022 Electrometric method	6.5 to 8.5	5.07
5	Total Alkalinity (as CaCO ₃)	(mg/litre)	IS 3025 (Part 23) 2019 Indicator method	200	21.0
6	Total Dissolved Solids (TDS)at 180°C± 2°C	(mg/litre)	IS 3025 (Part 16) 2023 Gravimetric method	500	42
7	Total Hardness (as Ca CO ₃)	(mg/litre)	IS 3025 (Part 21) 2019 EDTA method	200	40.0
8	Calcium (as Ca)	(mg/litre)	IS 3025 (part 40) 2019 EDTA method	75	13.6
9	Magnesium (as Mg)	(mg/litre)	IS 3025 (Part 46-2019) EDTA method	30	BDL
10	Chloride (as Cl)	(mg/litre)	IS 3025 (Part 32) 2019 Argentometric method	250	21.3

Remarks:

- The results stated above related only to the sample(s) received for testing.
 - This test report shall not be reproduced except in full without the written approval of the Laboratory.
 - Retention Period: 5 days from the date of testing
- * BDL = Below Detection limit

DL = Detection limit

SIMILE (TM)

Analyzed By:

SANITARY CHEMIST
 QUALITY CONTROL DISTRICT LAB
 KERALA WATER AUTHORITY

SEENA H

Authorized Signatory:

* End of Report *

KWA/QCSDL/CZ/R/41	Issue No:2	Issue Date: 19/07/2022
Rev.No: 04	Rev Date: 20/10/2023	Page 1 of 1

Rafe. R. Nair
 PRINCIPAL



THE CHAIRMAN
SREE AUROBINDO PUBLIC SCHOOL



KERALA WATER AUTHORITY
QUALITY CONTROL SUB DISTRICT LABORATORY
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Test Report

Test Report No. KWA/QCSDL/CZ/2024/485

Date of Report :24/02/2024

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	-	73.26
2	Acidity	(mg/litre)	IS 3025 (Part 22) - 1986 Indicator Method	-	46.2
3	Sulphate (as SO ₄)	(mg/litre)	IS 3025 (Part 24) - 1986 Turbidity Method Using Spectrometer	200	8.1
4	Fluoride (as F)	(mg/litre)	APHA 23rd Edition 4500 - FD : 2017 SPADNS Method	1.0	0.28
5	Iron (as Fe)	(mg/litre)	IS 3025 (Part 53) - 2003) 1, 10 Phenanthrolin Method	1.0	0.07
6	Nitrate (as NO ₃)	(mg/litre)	APHA 23rd Edition 4500 - NO ₃ B : 2017 UV Spectrophotometric Screening Method	45	3.84

Remarks:-

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3. Retention Period: 5 days from the date of testing

SIME (TM)
Analyzed by:

SANITARY CHEMIST
QUALITY CONTROL DISTRICT LAB
KERALA WATER AUTHORITY
THIRUVANANTHAPURAM
SEENA H

Authorized Signatory:

* End of Report *



KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LABORATORY

VELLAYAMBALAM, THIRUVANANTHAPURAM
Telephone No - 0471-2735303, E-mail - aeequalitytvm@gmail.com

Test Report

Test Report. No -KWA/QCSDL/CZ/2024/485

Date of Report :26/02/2024

Customer Name & Address			1. Date of Receipt :23/02/2024	
SREE AUROBINDO PUBLIC SCHOOL G SURESH KARAVARAM KALLAMBALAM P.O PH 695605 PH 9388420085			2. Sampling done by :The Customer (QUA_111418)	
			3. Sample Code : KWA/QCSDL/CZ/2024/485	
			4. Sample Particulars : DRINKING WATER	
			5. Sample Quantity :250 ml	
			6. Test Performing Dates	
			From : 24/02/2024 to 26 /02/2024	
Sl. No.	Parameters	Acceptable limits as per-IS 10500-2012	Test Method	Result
1	Total Coliforms	Shall not be detected / 100ml	IS 15185 : 2016 ISO 9308 - I : 2014	PRESENT
2	E. Coli	Shall not be detected/ 100ml	IS 15185 : 2016 ISO 9308 - I : 2014	ABSENT

Remarks:-

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Analysed By

Authorized Signatory

* End of Report *

KWA/QCDL/TVM/R/41	Issue No:2	Issue Date 31.05.2022
Rev.No: 01	Rev Date: 18/05/2023	Page 1 of 1

Raj. R. Nair
PRINCIPAL

SREE AUROBINDO PUBLIC SCHOOL
KALLAMBALAM 695605 TVM Dist



[Signature]
THE CHAIRMAN
SREE AUROBINDO PUBLIC SCHOOL
KARAVARAM
KALLAMBALAM