



KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LABORATORY
VELLAYAMBALAM, THIRUVANANTHAPURAM
 Telephone No - 0471-2735303, E-mail - aeequalitytvm@gmail.com



Test Report

Test Report. No -KWA/QCDL/TVM/2023/2379

ULR No.: TC956723000001948F

Date of Report : 06.07.2023

Customer Name & Address			1. Date of Receipt : 24.06.2023		
ST. MARY'S SCHOOL NARIIPIL PAPPANAMCODE PH: 9447266188			2. Sampling done by : The Customer (QUA 72318)		
			3. Sample Code : KWA/QCDL/TVM/2023/2379		
			4. Sample Particulars : Drinking Water		
			5. Sample Quantity :2 litre		
			6. Test Performing Dates From : 24.06.2023 To : 27.06.2023		
Sl. No.	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
1	Colour	Pt Co.Units	IS 3025 (Part 4) 2021 Platinum Cobalt visual comparison	5	1
2	Odour	-	IS 3025 (Part 5) 2018	Agreeable	Agreeable
3	Turbidity	NTU	IS 3025 (Part 10) 2023 Nephelometric method	1	0.33
4	pH at 25°C	-	IS 3025 (Part 11) 2022 Electrometric method	6.5 to 8.5	7.6
5	Total Alkalinity (as CaCO ₃)	mg/l	IS 3025 (Part 23) 2019 Indicator method	200	10.4
6	Total Dissolved Solids at 180°C±2°C	mg/l	IS 3025 (Part 16) 2023 Gravimetric method	500	32
7	Total Hardness (as CaCO ₃)	mg/l	IS 3025 (Part 21) 2019 EDTA method	200	19.8
8	Calcium (as Ca)	mg/l	IS 3025 (part 40) 2019 EDTA method	75	3.2
9	Magnesium (as Mg)	mg/l	APHA 23 rd Edition: 3500 Method B (By calculation 2017)	30	2.9
10	Chloride (as Cl)	mg/l	IS 3025 (Part 32) 2019 Argentometric method	250	13.7

Remarks:-

Note:- 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.

3. The retention period for the sample is seven days from the date of analysis.

Handwritten Signature

Analyzed by

* BDL =Below Detection Limit

*DL =Detection Limit

* End of Report *

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

KWA/QCDL/TVM/R/41	Issue No: 2	Issue Date: 31.05.2022
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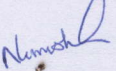
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		3. Sample Code : KWA/QCDL/TVM/2023/2379			
		4. Sample Particulars : Drinking Water			
		5. Sample Quantity :2 litre			
		6. Test Performing Dates			
				From : 24.06.2023	To : 27.06.2023
	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
1	Electrical Conductivity at 25 ^o C	micro mhos/cm	IS 3025 (Part 14) 2019	-	54.80
2	Acidity	mg/l	IS 3025 (Part 22) 2019 Indicator Method	-	2
3	Sulphate (as SO ₄)	mg/l	IS 3025 (Part 24) 2022 Turbidity method using spectrometer	200	BDL (DL-5)
4	Fluoride (as F)	mg/l	APHA 23 rd Edition 4500 - FD : 2017 SPADNS method	1.0	BDL (DL-0.2)
5	Iron (as Fe)	mg/l	IS 3025 (Part 53) 2019 1, 10 Phenanthrolin method	1.0	BDL (DL-0.075)
6	Nitrate (as NO ₃)	mg/l	APHA 23 rd Edition 4500 - NO ₃ ⁻ B : 2017 UV Spectro photometric screening method	45	1.91
7	Residual Chlorine	mg/l	IS 3025 (Part 26) 2019	0.2	NIL

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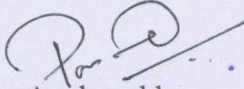
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Date of Report : 06.07.2023

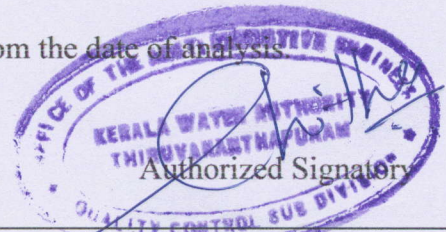
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		3. Sample Code : KWA/QCDL/TVM/2023/2379		
		4. Sample Particulars : Drinking Water		
		5. Sample Quantity :2 litre		
		6. Test Performing Dates From : 24.06.2023 To : 25.06.2023		
Sl. No.	Parameters	Acceptable limits as per-IS 10500-2012	Test Method	Result
1	Total Coliforms	Shall not be detected / 100ml	IS 15185 : 2016 ISO 9308 - I : 2014	ABSENT
2	E. Coli	Shall not be detected/ 100ml	IS 15185 : 2016 ISO 9308 - I : 2014	ABSENT

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