



**KERALA WATER AUTHORITY**  
**QUALITY CONTROL SUB DISTRICT LABORATORY**

VARKALA, THIRUVANANTHAPURAM

Telephone No - 0470-2995502, E-mail - qcsdlvarkala@gmail.com



**Test Report**

Test Report. No -KWA/QCSDL/VK/2024/1180

ULR No.: TC108152400000732F

Date of Report : 03.05.2024

Sl. No.	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
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	0.04
4	pH at 25°C	-	IS 3025 (Part 11) 2022 Electrometric Method	6.5 to 8.5	5.93
5	Total Alkalinity (as CaCO <sub>3</sub> )	mg/litre	IS 3025 (Part 23) 2019 Indicator Method	200	6.4
6	Total Dissolved Solids (TDS) at 180 ± 2°C	mg/litre	IS 3025 (Part 16) 2023 Gravimetric Method	500	11.0
7	Total Hardness (as Ca CO <sub>3</sub> )	mg/litre	IS 3025 (Part 21) 2019 EDTA method	200	20.0
8	Calcium (as Ca)	mg/litre	IS 3025 (part 40) 2019 EDTA method	75	4.0
9	Magnesium (as Mg)	mg/litre	IS 3025 (Part 46) 2019	30	2.4
10	Chloride (as Cl)	mg/litre	IS 3025 (Part 32) 2019 Argentometric method	250	6.8

**Remarks:-**

Note:- 1. The results stated above related only to the sample(s) received for testing.

2. This test Report shall not be reproduced except in full without the written approval of the laboratory

3. The Retention Period for the sample is Five days from the date of analysis

Analyzed by: *SEENA*

SEENA

\* End of Report \*

Authorized By: *SEENA*

SEENA

KWA/QCSDL/VK/R/41	Issue No:2	Issue Date 14.07.2022
Rev.No: 02	Rev Date:15/05/2023	Page 1 of 1

**SANITARY CHEMIST**  
QUALITY CONTROL SUB DISTRICT LAB  
VARKALA, THIRUVANANTHAPURAM



**KERALA WATER AUTHORITY**  
QUALITY CONTROL SUB DISTRICT LABORATORY  
VARKALA, THIRUVANANTHAPURAM

E-mail - qcsdlvarkala@gmail.com

**Test Report**

Test Report. No -KWA/QCSDL/VK/2024/1180

Date of Report : 06.06.2024

Customer Name & Address			1. Date of Receipt : 28.05.2024		
HOLY INNOCENTS PUBLIC SCHOOL KALLUMALAKUNNU VENNICODE PO VARKALA 9887612432			2. Sampling done by : The Customer (QUA_137416)		
			3. Sample Code : QCSDL/VK/2024/1180		
			4. Sample Particulars: Drinking Water		
			5. Sample Quantity :2 litre		
			6. Test Performing Dates		
			From :01.06.2024	To : 04.06.2024	
	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
1	Electrical Conductivity at 25 <sup>0</sup> C	micro mhos/cm	IS 3025 (Part 14) 2019	-	18.7
2	Acidity	mg/litre	IS 3025 (Part 22) -2019 Indicator Method	-	34.6
3	Iron (as Fe)	mg/litre	IS 3025 (Part 53) - 2019) 1, 10 Phenanthrolin Method	1.0	NIL
4	Nitrate (as NO <sub>3</sub> )	mg/litre	APHA 23rd Edition 4500 NO3 -B : 2017 UV Spectrophotometric Screening Method	45	3.48

**Remarks:-**

**Note:-** 1. The results stated above related only to the sample(s) received for testing.

2. This test report shall not be reproduced except in full without the written approval of the laboratory

3. The Retention Period of the sample is Five days from the date of analysis

Analyzed by:

SEENA

Authorized by:

SEENA

**\* End of Report \***

KWA/QCSDL/VK/R/41	Issue No: 2	Issue Date: 14/07/2022
Rev.No: 02	Rev Date:15/05/2023	Page 1 of 1



**KERALA WATER AUTHORITY**  
**QUALITY CONTROL SUB DISTRICT LABORATORY**

VARKALA, THIRUVANANTHAPURAM

Telephone No - 0470-2995502, E-mail - qcsdlvarkala@gmail.com

**Test Report**

Test Report. No -KWA/QCSDL/VK/2024/1180

Date of Report : 30/05/2024

Customer Name & Address		1. Date of Receipt :28.05.2024		
HOLY INNOCENTS PUBLIC SCHOOL KALLUMALAKUNNU VENNICODE PO VARKALA 9887612432		2. Sampling done by : The Customer(QUA_137416)		
		3. Sample Code : QCSDL/VK/2024/1180		
		4. Sample Particulars : Drinking Water		
		5. Sample Quantity :250 ml		
		6. Test Performing Dates From :28.05.2024 To : 29.05.2024		
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	ABSENT
2	E. Coli	Shall not be detected/ 100ml	IS 15185 : 2016 ISO 9308 - I : 2014	ABSENT

**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. Retention Period : 7 days from the date of Analysis

*N.L.L.*  
Analyzed by:

*N.L.L.*  
Authorized Signatory

\* End of Report \*

KWA/QCSDL/VK/R/41	Issue No:1	Issue Date 29.02.2024
Rev.No: 00	Rev Date: 00	Page 1 of 1