



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

TC-9565

Test Report

UIR - TC956523000002428F

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	<0.1
4	pH at 25°C	-	IS 3025 (Part 11): 2022 Electrometric Method	6.5 to 8.5	6.671
5	Total Alkalinity	(mg/L)	IS 3025 (Part 23): 1986 Indicator Method	200	34.69
6	Total Dissolved Solids (TDS)	(mg/L)	IS 3025 (Part 16): 2023 Gravimetric Method	500	90.77
7	Total Hardness (as CaCO ₃)	(mg/L)	IS 3025 (Part 21): 2009 EDTA Method	200	63.24
8	Calcium (as Ca)	(mg/L)	IS 3025 (Part 40): 1991 EDTA Method	75	17.99
9	Magnesium (as Mg)	(mg/L)	APHA 23rd Edition: 3500 Method B (By calculation 2017)	30	4.46
10	Chloride (as Cl)	(mg/L)	IS 3025 (Part 32): 1988 Argentometric Method	250	13.71
11	Electrical Conductivity at 25°C	(micro mhos/cm)	IS 3025 (part 14) - 2013	-	154.8
12	Acidity	(mg/L)	IS 3025 (part 22) - 1986 Indicator Method	-	11.54
13	Sulphate (as SO ₄)	(mg/L)	IS 3025 (part 24/sec 1) - 2022 Turbidity Method using Spectrophotometer	200	3.91
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	<0.01
16	Nitrate (as NO ₃)	(mg/L)	APHA 23rd Edition 4500 - NO ₃ B: 2017 UV Spectrophotometric Screening Method	45	17.94

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

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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/2560		Date: 05/07/2023		
Customer Name & Address		1. Date of Sample received: 01/07/2023		
THE PRINCIPAL, SNGCS, EZHUKONE.P.O, KOTTARAKKARA - 691 505 9567974639		2. Sampling done by: Junior Health Inspector, Primary Health Centre, Ezhukone, Pavithreshwaram		
		3. Sample Quantity : 250 ml		
		4. Source of Sample : Well Water		
		5. Sample Code : 2023/QCDKLM/2560		
		6. Test Performing Dates From : 01/07/2023 To : 04/07/2023		
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

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Authorized By

* End of Report *

BACTERIOLOGIST
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KERALA WATER AUTHORITY
KOLLAM

KWA/KLM/R/19

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