



TC-10376

QUALITY CONTROL SUB DISTRICT LABORATORY, MUKHATHALA BLOCK
KERALA WATER AUTHORITY
CANTONMENT P.O,
KOLLAM - 691001

Water Analysis Report

ULR - TC103762200000078F

Report No - 2022/QCSDL/MKL/276		Date: 04.05.2022			
Customer Name & Address		1. Date of Receipt : 22.04.2022			
THE PRINCIPAL VIMALA CENTRAL SCHOOL, KARAMCODE, KOLLAM 691 579, PH.8078378659.		2. Sampling done by - CUSTOMER			
		3. Sample Code : 2022/QCSDL/MKL/276			
		4. Source of Sample : Well Water			
		5. Sample Quantity : 2 Litres			
		6. Test Performing Dates From : 29.04.2022 To : 30.04.2022			
Sl. No.	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
1	Colour	(CU)	APHA -2120 Method B	5	5
2	Odour		IS 3025 (part 5) - 2018		Odourless
3	Taste		IS 3025 (part 8) - 2017		-
4	Turbidity	(NTU)	IS 3025 (part 10) - 1984	1	0.66
5	pH at 25 °C		IS 3025 (part 11) - 1983 Electrometric Method	6.5 to 8.5	6.056
6	Total Dissolved Solids (TDS)	(mg/litre)	IS 3025 (part 16) - 1984	500	102.0
7	Total Alkalinity	(mg/litre)	IS 3025 (part 23) - 1986	200	10.21
8	Total Hardness (as Ca CO ₃)	(mg/litre)	IS 3025 (part 21) - 2009 EDTA Method	200	20.0
9	Calcium (as Ca)	(mg/litre)	IS 3025 (part 40) - 1991 EDTA Method	75	5.61
10	Magnesium (as Mg)	(mg/litre)	APHA 3500 - Mg B	30	<5
11	Chloride (as Cl)	(mg/litre)	IS 3025 (part 32) - 1988 Argentometric Method	250	31.04

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.

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* End of Report *



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		6. Test Performing Dates From : 29.04.2022 To : 30.04.2022			
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 (Reaffirmed 2019)		212.8
2	Acidity	(mg/litre)	IS 3025 (Part 22) - 1986 (Reaffirmed 2019)		8.0
3	Sulphate (as SO ₄)	(mg/litre)	IS 3025 (part 24) - 1986 (Reaffirmed 2019)	200	3.38
4	Fluoride (as F)	(mg/litre)	APHA 4500 - F D	1.0	0.68
5	Iron (as Fe)	(mg/litre)	IS 3025 (part 53) - 2003 (Reaffirmed 2014)	1.0	0.00
6	Nitrate (as NO ₃)	(mg/litre)	APHA 4500 - NO ₃ B	45	27.90

Remarks:-

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