



KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LABORATORY
THIRUVANANTHAPURAM
Water Analysis Report

Report No - 2021/QCD/TVM/569

Date : 30.03.2021

Sl. No.	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
Customer Name & Address			1. Date of Receipt: 30.03.2021		
MOUNT CARMEL RESIDENTIAL SCHOOL (SENIOR SECONDARY) KANJIRAMKULAM-695542			2. Sampling done by :		
			3. Sample Code :569		
			4. Source of Sample: Well water		
			5. Sample Quantity :2 litre		
			6. Test Performing Dates		
			From : 30.03.2021 To :08.04.2021		
1	Colour	Pt Co.Units	IS 3025 (part 4-1983 (Reaffirmed 2017))	5	5
2	Turbidity	(NTU)	IS 3025 (part 10) - 1984 (Reaffirmed 2017)	1	1.35
3	p H		IS 3025 (part 11) - 1983 (Reaffirmed 2017)	6.5 to 8.5	6.868
4	Electrical Conductivity at 25 ° C	(micro mhos/cm)	IS 3025 (part 14) - 2013 (Reaffirmed 2019)		81.75
5	Acidity	(mg/litre)	IS 3025 (part 22) - 1986 (Reaffirmed 2019)		3
6	Alkalinity	(mg/litre)	IS 3025 (part 23) - 1986 (Reaffirmed 2019)	200	16.31
7	Sulphate (as SO ₄)	(mg/litre)	IS 3025 (part 24) - 1986 (Reaffirmed 2019)	200	0.421
8	Total Dissolved Solids (TDS)	(mg/litre)	IS 3025 (part 16) - 1984 (Reaffirmed 2017)	500	40
9	Total Hardness (as Ca CO ₃)	(mg/litre)	IS 3025 (part 21) - 2009 (Reaffirmed 2019)	200	20.2
10	Calcium (as Ca)	(mg/litre)	IS 3025 (part 40) - 1991 (Reaffirmed 2019)	75	5.667
11	Magnesium (as Mg)	(mg/litre)	IS 3025 (part 46) - 1994 (Reaffirmed 2019)	30	1.473
12	Chloride (as Cl)	(mg/litre)	IS 3025 (part 32) - 1988 (Reaffirmed 2019)	250	19.57
13	Fluoride (as F)	(mg/litre)	IS 3025 (part 60) - 2008 (Reaffirmed 2013)	1.0	0.198
14	Iron (as Fe)	(mg/litre)	IS 3025 (part 53) - 2003 (Reaffirmed 2014)	1.0	0.163
15	Nitrate (as NO ₃)	(mg/litre)	IS 3025 (part 34) - 1988 (Reaffirmed 2019)	45	2.064
16	Residual Chlorine	(mg/litre)	IS 3025 (part 26) - 1986 (Reaffirmed 2019)	0.2	Nil

Remarks:-

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.

Authorized By

* End of Report *

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SANITARY CHEMIST
QUALITY CONTROL DISTRICT LAB
KERALA WATER AUTHORITY
THIRUVANANTHAPURAM



KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LABORATORY
THIRUVANANTHAPURAM

Water Analysis Report

Report No - 2021/QCD/TVM/ 569		Date :30.03.2021		
MOUNT CARMEL RESIDENTIAL SCHOOL (SENIOR SECONDARY)KANJIRAMKULAM-695542		1. Date of Receipt :30.03.2021		
		2. Source of Sample; WELL WATER		
		3. Sample Quantity:-200ml		
		4. Sample Code :569		
		5. Test Performing Dates 30.03.2021		
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	<u>ABSENT</u>
2	E. Coli	Shall not be detected/ 100ml	IS 15185 : 2016 ISO 9308 - I : 2014	<u>ABSENT</u>

Remarks:-

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Authorized By


Assistant Engineer
Quality Control District Lab,
Thiruvananthapuram

* End of Report *

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