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KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LABORATORY
KOLLAM - 691 001

Water Analysis Report

Report No - 2021/QCDKLM/338

Date : 24/03/2021

Customer Name & Address

1. Date of Receipt : 08/03/2021

2. Sampling done by - Customer

3. Sample Code : 2021/QCDKLM/338

VIDYARAMBHAM CENTRAL SCHOOL,
VENGA.P.O, MYNAGAPPALLY,
KARUNAGAPPALLY

4. Source of Sample : Bore Well

5. Sample Quantity : 2 Litres

6. Test Performing Dates

From : 15/03/2021

To : 15/03/2021

Sl. No.	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
1	Turbidity	(NTU)	IS 3025 (part 10) - 1984 (Reaffirmed 2017)	1	1.01
2	pH at 29.2 °C		IS 3025 (part 11) - 1983 (Reaffirmed 2017)	6.5 to 8.5	7.91
3	Electrical Conductivity at 25 °C	(micro mhos/cm)	IS 3025 (part 14) - 2013 (Reaffirmed 2019)		473.9
4	Acidity	(mg/litre)	IS 3025 (part 22) - 1986 (Reaffirmed 2019)		14
5	Alkalinity	(mg/litre)	IS 3025 (part 23) - 1986 (Reaffirmed 2019)	200	271.8
6	Sulphate (as SO ₄)	(mg/litre)	IS 3025 (part 24) - 1986 (Reaffirmed 2019)	200	9.896
7	Total Dissolved Solids (TDS)	(mg/litre)	IS 3025 (part 16) - 1984 (Reaffirmed 2017)	500	259
8	Total Hardness (as Ca CO ₃)	(mg/litre)	IS 3025 (part 21) - 2009 (Reaffirmed 2019)	200	137.5
9	Calcium (as Ca)	(mg/litre)	IS 3025 (part 40) - 1991 (Reaffirmed 2019)	75	8.8
10	Magnesium (as Mg)	(mg/litre)	APHA 3500 - Mg B	30	28.1
11	Chloride (as Cl)	(mg/litre)	IS 3025 (part 32) - 1988 (Reaffirmed 2019)	250	26.9
12	Fluoride (as F)	(mg/litre)	APHA 4500 - F D	1.0	0.477
13	Iron (as Fe)	(mg/litre)	IS 3025 (part 53) - 2003 (Reaffirmed 2014)	1.0	0.000
14	Nitrate (as NO ₃)	(mg/litre)	APHA 4500 - NO ₃ B	45	0.000

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 *