

Telephone No. 0481 2302391
Email- aeqcdlktm@gmail.com



KERALA WATER AUTHORITY QUALITY CONTROL DISTRICT LAB, KOTTAYAM Water Analysis Report

Report No. K138/KTM/02/2022 Date : 19.02.2022

Customer Name & Address Principal Kendra Vidhyalaya Kaduthuruthy Velloor P.O	1. Date of Receipt	11.02.2022
	2. Sampling done by	FHC Velloor
	3. Sample Code	2022/QC/KTM/K614
	4. Source of Sample	Pipe Water
	5. Sample Quantity	1 Litre
	6. Test performing dates	From 14.02.2022 to 14.02.2022

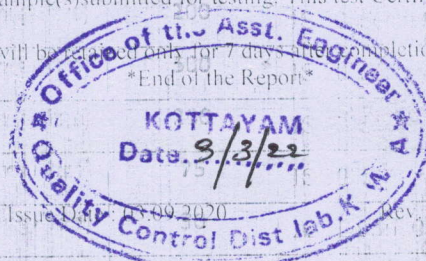
Sl. No	Characteristics	Unit	Desirable limits As per IS 10500:2012	Test Method	Result
1	Colour	Pt-Co Unit	5	APHA 2120 B	1
2	odour			IS 3025 (part 5) – 2018	Agreeable
3	Taste			IS 3025 (part 8)- 1984 (Reaffirmed 2002)	Not objectionable
4	Turbidity	(NTU)	1	IS 3025(part10)-1984 (Reaffirmed 2017)	0.06
5	pH at 25 °C		6.5 - 8.5	IS 3025(part 11)-1983 (Reaffirmed 2017)	7.518
6	Electrical conductivity at 25 °C	(Micromhos/cm)		IS 3025(part14)-2013 (Reaffirmed 2019)	60.19
7	Acidity	(mg/litre)		IS 3025(part22)-1986 (Reaffirmed 2019)	4
8	Alkalinity	(mg/litre)	200	IS 3025(part 23)-1986 (Reaffirmed 2019)	24.3
9	Sulphate (as SO ₄)	(mg/litre)	200	IS 3025(part24)-1986 (Reaffirmed 2019)	0.0266
10	Total dissolved solids (TDS)	(mg/litre)	500	IS 3025(part16)-1984 (Reaffirmed 2017)	39
11	Total hardness (as CaCO ₃)	(mg/litre)	200	IS 3025(part21)-2009 (Reaffirmed 2019)	18
12	Calcium (as Ca)	(mg/litre)	75	IS 3025(part40)-1991 (Reaffirmed 2019)	5.6112
13	Magnesium (as Mg)	(mg/litre)	30	APHA 3500 – Mg B	0.972
14	Chloride (as Cl)	(mg/litre)	250	IS 3025(part32)-1988 (Reaffirmed 2019)	13.5986
15	Fluoride (as F)	(mg/litre)	1	APHA 4500 – F D	0.03599
16	Iron (as Fe)	(mg/litre)	1	IS 3025(part53)-2003 (Reaffirmed 2014)	0.0757
17	Nitrate(as NO ₃)	(mg/litre)	45	APHA 4500 – NO ₃ B	0.1235
18	Residual Chlorine	(mg/litre)	0.2		-----

Remarks:-

NB:- The result 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

* Samples will be retained only for 7 days after completion of analysis

End of the Report



Authorized by
Page 1-2

SANITARY CHEMIST
QUALITY CONTROL DISTRICT LAB
KERALA WATER AUTHORITY
KOTTAYAM - 686002

Telephone No. 0481 2302391
Email- aeqcdlktm@gmail.com



KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LAB, KOTTAYAM
Water Analysis Report

Report No. K138/KTM/02/2022	Date :19.02.2022
-----------------------------	------------------

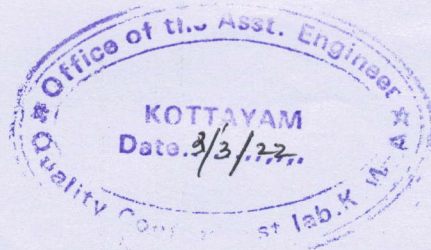
Customer Name & Address Principal Kendriya Vidyalaya Kaduthuruthy Velloor P.o	1.Date of Receipt	11.02.2022
	2.Sampling done by	FHC Velloor
	3.Sample Code	2022/QC/KTM/K614
	4.Source of Sample	Pipe Water
	5.Sample Quantity	1 Litre
	6.Test performing dates	From 14.02.2022 to 18.02.2022

BACTERIOLOGICAL ANALYSIS

Sl No.	Parameters	Acceptable limits as per -IS 10500-2012	Test Method	Result
1	Coliforms	Shall not be detected/100ml	IS 15185:2016	Present
2	E-coli	Shall not be detected/100ml	IS 15185:2016	Absent

Remarks:-

NB:- The result 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



Vinay
Authorized By

Page 2-2

End of report