



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

Report No. K58/KTM/01/2022	Date :01.02.2022
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Customer Name & Address Manager Sree Kumaramangalam Public School Kumarakom	1.Date of Receipt	15.01.2022
	2.Sampling done by	CHC Kumarakom
	3.Sample Code	2022/QC/KTM/K243
	4.Source of Sample	KWA Tap water
	5.Sample Quantity	1 Litre
	6.Test performing dates	From 15.01.2022 to 16.01.2022

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	Turbidity	(NTU)	1	IS 3025(part10)-1984 (Reaffirmed 2017)	ND
4	pH at 25 °C		6.5 - 8.5	IS 3025(part 11)-1983 (Reaffirmed 2017)	6.53
5	Electrical conductivity at 25 °C	(Micromhos/cm)		IS 3025(part14)-2013 (Reaffirmed 2019)	34.7
6	Acidity	(mg/litre)		IS 3025(part22)-1986 (Reaffirmed 2019)	2
7	Alkalinity	(mg/litre)	200	IS 3025(part 23)-1986 (Reaffirmed 2019)	10.65
8	Sulphate (as SO ₄)	(mg/litre)	200	IS 3025(part24)-1986 (Reaffirmed 2019)	ND
9	Total dissolved solids (TDS)	(mg/litre)	500	IS 3025(part16)-1984 (Reaffirmed 2017)	22.555
10	Total hardness (as CaCO ₃)	(mg/litre)	200	IS 3025(part21)-2009 (Reaffirmed 2019)	4
11	Calcium (as Ca)	(mg/litre)	75	IS 3025(part40)-1991 (Reaffirmed 2019)	0.8016
12	Magnesium (as Mg)	(mg/litre)	30	APHA 3500 – Mg B	0.486
13	Chloride (as Cl)	(mg/litre)	250	IS 3025(part32)-1988 (Reaffirmed 2019)	7.8356
14	Fluoride (as F)	(mg/litre)	1	APHA 4500 – F ⁻ D	0.1669
15	Iron (as Fe)	(mg/litre)	1	IS 3025(part53)-2003 (Reaffirmed 2014)	0.1592
16	Nitrate(as NO ₃)	(mg/litre)	45	APHA 4500 – NO ₃ ⁻ B	0.0823
17	Residual Chlorine	(mg/litre)	0.2		

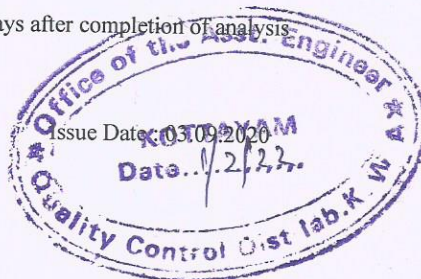
Remarks:-

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.

KWA/KTM/AR/F4

Issue No.01



Rev. No.02

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

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

Report No. K103/KTM/01/2022	Date :01.02.2022
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Customer Name & Address Manager Sree Kumaramangalam Public School Kumarakom	1.Date of Receipt	15.01.2022
	2.Sampling done by	CHC Kumarrakom
	3.Sample Code	2022/QC/KTM/K103
	4.Source of Sample	KWA Ta waterp
	5.Sample Quantity	100ml
	6.Test performing dates	From 18.01.2022 to 19.01.2022

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:-

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Abhinav
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