



QUALITY CONTROL SUB DISTRICT LAB
KERALA WATER AUTHORITY
 THALAYOLAPARAMBU, VAIKOM, KOTTAYAM
 Telephone No. 04829-292143, Email- qcsdlvkm@gmail.com



Test Report

TC-10520

ULR – TC1052023000000247F

Report No: 378 /TPB/ 06 /2023	Date: 19-06-2023	
Customer Name & Address RAJAGIRI AMALA CMI PUBLIC SCHOOL MOOTHEDATHUKAVU VAIKOM.	1.Date of Receipt	16-06-2023
	2.Sampling done by	CUSTOMER
	3.Sample Code	2023/QC/TPB/ T 2270
	4.Source of Sample	Drinking Water
	5.Sample Quantity	2 l.tr
	6 Sample condition	Acceptable
	7.Test performing dates:	17-06-2023 to 19-06-2023

Sl. No	Characteristics	Unit	Test Method	Desirable limits As per IS 10500:2012	Limit of detection	Result
1	Colour	HU	APHA-23 rd Edition- 2120 colour method B	5	1 to 100	1
2	Odour		IS 3025 (part 5) – 2018		Agreeable/Disagreeable	Agreeable
3	Taste		IS 3025(part8)-1984(Reaffirmed 2022)		Objectionable/Not Objectionable	Not Objectionable
4	Turbidity	NTU	IS 3025(part10)-1984 (Reaffirmed 2022)	1	0.02 to 100	6.36
5	pH at 25 °C		IS 3025(part 11)-1983 (Reaffirmed 2022)	6.5 - 8.5	2 to 12	7.20
6	Total Alkalinity (as CaCO ₃)	mg/l	IS 3025(part 23)-1986 (Reaffirmed 2019)	200	5 to 2000	10.1
7	Total dissolved solids TDS at 180 °C	mg/l	IS 3025(part16)-1984 (Reaffirmed 2017)	500	5 to 10000	114
8	Total hardness (as CaCO ₃)	mg/l	IS 3025(part21)-2009 (Reaffirmed 2019)	200	1 to 5000	60
9	Calcium (as Ca)	mg/l	IS 3025(part40)-1991 (Reaffirmed 2019)	75	1 to 2000	12.83
10	Magnesium (as Mg)	mg/l	APHA 23 rd Edition 3500 – Mg method B	30	1 to 1000	6.8
11	Chloride (as Cl)	mg/l	IS 3025(part32)-1988 (Reaffirmed 2019)	250	1 to 5000	49.98

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

*Sampling is not done by the Lab

*BDI- Below Detection Limit

*NT- Not Tested

End of the Report

Deepa
Deepa Lakshmi - L
CDy QM)

Remya
 Verified By

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 KOTTAYAM 686605

QUALITY CONTROL SUB DISTRICT LAB
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Authorized Signatory
 (Signature with name)



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	3.Sample Code	2023/QC/TPB/ T 2270
	4.Source of Sample	Drinking Water
	5.Sample Quantity	2 Ltr
	6.Sample Condition	Acceptable
	7.Test performing dates:	: 17-06-2023 to 19-06-2023

Sl. No	Characteristics	Unit	Test Method	Desirable limits as per IS 10500:2012	Result
1	Electrical conductivity at 25 °C	(Microm-hos/cm)	IS 3025(part14)-2013 (Reaffirmed 2019)		176.7
2	Acidity	(mg/litre)	IS 3025(part22)-1986 (Reaffirmed 2019)		1.9
3	Sulphate (as SO ₄)	(mg/litre)	IS 3025(part24)-1986 (Reaffirmed 2019)	200	BDL
4	Fluoride (as F)	(mg/litre)	KIT METHOD	1	BDL
5	Iron (as Fe)	(mg/litre)	IS 3025(part53)-2003 (Reaffirmed 2014)	1	BDL
6	Nitrate(as NO ₃)	(mg/litre)	KIT METHOD	45	BDL
7	Residual Chlorine	(mg/litre)	KIT METHOD	0.2	NIL

Remarks: -

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- *BDL - Below Detection Limit
- *NT- Not Tested

End of the Report

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Authorized Signatory
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KWA/QC/VKM/AR/F3

Issue No.02

Issue Date: 22.10.2021

-Rev. 03

Rev. Date: 16.02.2023

Deepa Lakshmi L
(Dy. QM)



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	2.Sampling done by	CUSTOMER
	3.Sample Code	2023/QC/TPB/ T 2270
	4.Source of Sample	Drinking Water
	5.Sample Quantity	100ml
	6.Sample Condition	Acceptable
	7.Test performing dates :	17-06-2023 to 19-06-2023

BACTERIOLOGICAL ANALYSIS

Sl No.	Parameters	Acceptable limits as per -IS 10500-2012	Unit	Test Method	Result
1	Coliforms	Shall not be detected/100ml	MPN/100ml	MPN Method	NIL
2	E-coli	Shall not be detected/100ml	MPN/100ml	MPN Method	NIL

Remarks: -

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END OF REPORT

Koushalya
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