



QUALITY CONTROL SUB DISTRICT LAB
KERALA WATER AUTHORITY,
COLLECTORATE P O, KOTTAYAM
Telephone No. 0481 2302391, Email- qcsdlktm@gmail.com



TC-10497

Test Report

ULR – TC1049723000000300F

Report No: 411/QC/KTM/05/2023	Date: 22.05.2023
Customer Name & Address	1.Date of Receipt
Holy Cross Vidya Sadan Thellakom P O Kottayam 686630	18.05.2023
	2.Sampling done by
	CUSTOMER
	3.Sample Code
	2023/QC/KTM/M2074
	4.Source of Sample
	WELL
5.Sample Quantity	
2 LITRE	
6 Sample condition	
Acceptable	
7.Test performing dates: 18.05.2023 – 19.05.2023	

Sl. No	Characteristics	Unit	Test Method	Limit of Detection	Desirable limits As per IS 10500:2012	Result
1	Colour	HU	APHA-23 rd Edition- 2120 colour method B	1 to 100	5	1
2	Odour		IS 3025 (part 5) – 2018	Agreeable/Disagreeable		Agreeable
3	Turbidity	NTU	IS 3025(part10)-1984 (Reaffirmed 2017).	0.5 to 100	1	0.8
4	pH at 25 °C		IS 3025(part 11)-1983 (Reaffirmed 2017)	2 to 12	6.5 - 8.5	6.3
5	Total Alkalinity(as CaCO ₃)	mg/l	IS 3025(part 23)-1986 (Reaffirmed 2019)	5 to 2000	200	12.1
6	Total dissolved solids (TDS)at 180°C	mg/l	IS 3025(part16)-1984 (Reaffirmed 2017)	5 to 10000	500	28
7	Total hardness (as CaCO ₃)	mg/l	IS 3025(part21)-2009 (Reaffirmed 2019)	5 to 5000	200	12
8	Calcium (as Ca)	mg/l	IS 3025(part40)-1991 (Reaffirmed 2019)	5 to 2000	75	BDL
9	Magnesium (as Mg)	mg/l	APHA 23 rd Edition 3500 – Mg method B	5 to 1000	30	BDL
10	Chloride (as Cl)	mg/l	IS 3025(part32)-1988 (Reaffirmed 2019)	5 to 5000	250	13.8

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

*BDL – Below Detection Limit

*NT- Not Tested

Verified By (Technical Manager)

Shyfa Mol.M.I
(Signature with name)



Authorized Signatory (Dy. Quality Manager)

Vinitha G Nair
(Signature with name)

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KERALA WATER AUTHORITY

COLLECTORATE P.O, KOTTAYAM

Telephone No. 0481 2302391, Email- qesdlktm@gmail.com

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Report No:411/QC/KTM/05/2023		Date:22.05.2023
Customer Name & Address Holy Cross Vidya Sadan Thellakom P O Kottayam 686630	1.Date of Receipt	18.05.2023
	2.Sampling done by	CUSTOMER
	3.Sample Code	2023/QC/KTM/M2074
	4.Source of Sample	WELL
	5.Sample Quantity	2 LITRE
	6.Sample Condition	Acceptable
	7.Test performing dates: 18.05.2023-19.05.2023	

Sl. No	Characteristics	Unit	Test Method	Desirable limits as per IS 10500:2012	Result
1	Electrical conductivity at 25 °C	(Microm-mhos/cm)	IS 3025(part14)-2013 (Reaffirmed 2019)		43.1
2	Acidity	(mg/litre)	IS 3025(part22)-1986 (Reaffirmed 2019)		78.4
3	Sulphate (as SO ₄)	23	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	0.05
6	Nitrate(as NO ₃)	(mg/litre)	KIT Method	45	BDL
7	Residual Chlorine	(mg/litre)	KIT Method	0.2	BDL

Remarks: -

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

*Sampling is not done by the Lab

*BDL - Below Detection Limit

*NT- Not Tested

Verified By (Technical Manager)

Shyfa M O I
(Signature with name)



Authorized Signatory (Dy. Quality Manager)

Vinitha G Nair
(Signature with name)

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TEST REPORT

Report No:411/QC/KTM/05/2023	Date: 22.05.2023
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Customer Name & Address Holy Cross Vidya Sadan Thellakom P O Kottayam 686630	1.Date of Receipt	18.05.2023
	2.Sampling done by	CUSTOMER
	3.Sample Code	2023/QC/KTM/M2074
	4.Source of Sample	WELL
	5.Sample Quantity	100ML
	6.Sample Condition	Acceptable
	7.Test performing dates: 18.05.2023 – 21.05.2023	

BACTERIOLOGICAL ANALYSIS

Sl No.	Parameters	Acceptable limits as per – IS 10500-2012	Test Method	Result
1	Coliforms	Shall not be detected/100ml	MPN METHOD	120
2	E.coli	Shall not be detected/100ml	MPN METHOD	3

Remarks: -

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- *Samples will be retained only for 7 days after completion of analysis
- *Sampling is not done by the Lab

END OF REPORT



Anaswara R. Chitrali
Authorized By

Anaswara R. Chitrali

S. Bindu George
Principal
Holy Cross Vidya Sadan
Thellakom

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Principal
Holy Cross Vidya Sadan
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