



QUALITY CONTROL SUB DISTRICT LAB
KERALA WATER AUTHORITY
KADUTHURUTHY, KOTTAYAM
 Telephone No.04829-299766, Email- qcsdlkadu@gmail.com
Test Report



ULR – TC10836240000000147F

Report No: KD352/KADU/03/2024	Date: 27.03.2024
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Customer Name & Address VIVEKANANDA PUBLICSCHOOL KURUMULLOOR ETTUMANOOR	1.Date of Receipt	25.03.2024
	2.Sampling done by	PHC KANAKKARI
	3.Sample Code	2024/QCSDL/KADU/KD2652
	4.Source of Sample	DRINKING WATER
	5.Sample Quantity	2 Ltr
	6 Sample condition	ACCEPTABLE
	7.Test performing dates: 26.03.2024 to 27.03.2024	

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	11HU to 100HU	NT
2	Odour		IS 3025 (part 5) – 2018		Agreeable/Disagreeable	NT
3	Taste		IS 3025(part8)-1984(Reaffirmed 2022)		Objectionable/Not Objectionable	NT
4	Turbidity	NTU	IS 3025(part10)-1984 (Reaffirmed 2022)	1	0.5 to 100	BDL
5	pH at 25 °C		IS 3025(part 11)-1983 (Reaffirmed 2022)	6.5 - 8.5	2 to 12	5.3
6	Total Alkalinity (as CaCO ₃)	mg/l	IS 3025(part 23)-1986 (Reaffirmed 2019)	200	5 to 2000	NT
7	Total dissolved solids TDS at 180 °C	mg/l	IS 3025(part16)-1984 (Reaffirmed 2017)		5 to 10000	NT
8	Total hardness (as CaCO ₃)	mg/l	IS 3025(part21)-2009 (Reaffirmed 2019)	200	5 to 5000	12
9	Calcium (as Ca)	mg/l	IS 3025(part40)-1991 (Reaffirmed 2019)	75	5 to 2000	NT
10	Magnesium (as Mg)	mg/l	APHA 23 rd Edition 3500 – Mg method B	30	5 to 1000	NT
11	Chloride (as Cl)	mg/l	IS 3025(part32)-1988 (Reaffirmed 2019)	250	5 to 5000	9.78

Sampling Points:

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 Testable

Verified By

 Irsha Francis

End of the Report
 Quality Control Sub District Lab
 Kerala Water Authority
 Kaduthuruthy
 Pin - 686604, Kottayam

Authorized Signatory
 (Signature with name)
 Bindhu Cheran
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KERALA WATER AUTHORITY

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Customer Name & Address VIVEKANANDA PUBLICSCHOOL KURUMULLOOR ETTUMANOOR	1. Date of Receipt	25.03.2024
	2. Sampling done by	PHC KANAKKARI
	3. Sample Code	2024/QCSDL/KADU/KD2652
	4. Source of Sample	DRINKING WATER
	5. Sample Quantity	2 Ltr
	6. Sample Condition	ACCEPTABLE
	7. Test performing dates: 26.03.2024 to 27.03.2024	

Sl. No	Characteristics	Unit	Test Method	Desirable limits as per IS 10500:2012	Result
1	Electrical conductivity at 25 °C	(Micromhos/cm)	IS 3025(part14)-2013 (Reaffirmed 2019)		50.01
2	Acidity	(mg/litre)	IS 3025(part22)-1986 (Reaffirmed 2019)		NT
3	Sulphate (as SO ₄)	(mg/litre)	IS 3025(part24)-1986 (Reaffirmed 2019)	200	NT
4	Fluoride (as F)	(mg/litre)	Kit Method	1	NT
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	NT

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
Jisha Francis

Quality Control Sub Dist
Kerala Water Authority
Kaduthuruthy
Pin - 686604, K

[Signature]
Authorized Signatory

KWA/QC/KADU/AR/F4

Issue No.01

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Rev. 02

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TEST REPORT

Report No: KD 352/KADU/ 03/2024

Date : 27.03.2024

Customer Name & Address	1.Date of Receipt	25.03.2024
VIVEKANANDA PUBLIC SCHOOL KURUMULLOOR ETTUMANOOR	2.Sampling done by	PHC KANAKKARI
	3.Sample Code	2024/QCSDL/KADU/KD 2652
	4.Source of Sample	DRINKING WATER
	5.Sample Quantity	100 ML
	6.Sample Condition	ACCEPTABLE
	7.Test performing dates : 25.03.2024 to 27.03.2024	

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

Test method

Coliforms: Membrane Filtration Method
E. coli: Membrane Filtration Method

Remarks: -

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

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KADUTHURUTHY
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Pin - 686604, Kottayam

Monisha S.S.
Authorized By