



QUALITY CONTROL SUB DISTRICT LAB

KERALA WATER AUTHORITY,

KADUTHURUTHY, KOTTAYAM

Telephone No. 04829-299766. Email- qcsdlkadu@gmail.com

Report No: KD645/KADU/06/2025	Date: 28.06.2025
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Customer Name & Address ST THERESE ENGLISH MEDIUM SCHOOL AYAMKUDY	1. Date of Receipt	25.06.2025
	2. Sampling done by	HI FHC KADUTHURUTHY
	3. Sample Code	2025/QCSDL/KADU/KD 2858
	4. Source of Sample	WELL
	5. Sample Quantity	2 LITRES
	6. Sample condition	ACCEPTABLE
	Test performing dates: 25.06.2025 TO 26.06.2025	

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)		55.18
2	Acidity	(mg/litre)	IS 3025(part22)-1986 (Reaffirmed 2019) Indicator method		NT
3	Sulphate (as SO ₄)	(mg/litre)	IS 3025(part24)-1986 (Reaffirmed 2019) Turbidity method	200	NT
4	Fluoride (as F)	(mg/litre)	Kit Method	1	NT
5	Iron (as Fe)	(mg/litre)	IS 3025(part53)2003 (Reaffirmed 2014) Phenanthroline method	1	BDL
6	Nitrate (as NO ₃)	(mg/litre)	Kit Method	45	BDL
7	Residual Chlorine	(mg/litre)	Kit Method	0.2	NT

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
- *End of the Report*

Quality Control Sub District Lab

Kerala Water Authority

Kaduthuruthy

Pin - 686604, Kottayam

Reviewed and Authorized by
(Signature with Name)

Isa Francis
28/06/2025



QUALITY CONTROL SUB DISTRICT LAB

KERALA WATER AUTHORITY,

KADUTHURUTHY, KOTTAYAM

Telephone No. 04829-299766, Email: qcsdlkadu@gmail.com

TEST REPORT

(NABL Recognized Block level Government Drinking Water Testing Laboratory)

Certificate No. NABL-DWT-00927

Report No: KD645/KADU/06/2025

Date: 28.06.2025

Customer Name & Address	1.Date of Receipt	25.06.2025
ST THERESE ENGLISH MEDIUM SCHOOL AYAMKUDY	2.Sampling done by	III FHC KADUTHURUTHY
	3.Sample Code	2025/QCSDL/KADU/KD 2858
	4.Source of Sample	WELL
	5.Sample Quantity	2 LITRES
	6.Sample conditions	ACCEPTABLE
	7.Test performing dates: 25.06.2025 TO 26.06.2025	

Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500:2012	Limit of detection LOD	Result
1	Colour	HU	APHA 24 th Edition(2023) 2120 B - visual comparison method	5	1	NT
2	Odour		IS 3025 (part 5) -2018(Reaffirmed 2022)	Agreeable	Agreeable	NT
3	Taste		IS 3025(part 8)-1984(Reaffirmed - 2023)	Agreeable	Agreeable	NT
4	Turbidity	(NTU)	IS 3025(part 10)-1984(Reaffirmed- 2023)-Nephelometric method	1	0.5	BDL
5	pH at 25 °C		IS 3025(part 11)- 2022- Potentiometric method	6.5 - 8.5	2	5.4
6	Alkalinity	(mg/litre)	IS 3025(part 23)-1986(Reaffirmed- 2023)- Indicator method	200	5	NT
7	Total dissolved solids (TDS)	(mg/litre)	IS 3025(part 16)-1984(Reaffirmed- 2023)Gravimetric method/TDS Meter)	500	5	NT
8	Total hardness (as CaCO ₃)	(mg/litre)	IS 3025(part 21)-2009 (Reaffirmed 2019)EDTA method	200	5	8
9	Calcium (as Ca)	(mg/litre)	IS 3025(part 40)-1991(Reaffirmed- 2023)EDTA Titrimetric method	75	5	NT
10	Magnesium (as Mg)	(mg/litre)	APHA 24 th Edition(2023) 3500- Mg B Calculation method	30	5	NT
11	Chloride (as Cl)	(mg/litre)	IS 3025(part 32)1988 (Reaffirmed 2019) Argentometric method	250	5	12

Remarks:

NT - The result stated above related only to the sample submitted for testing. This test Certificate shall not be reproduced except in full without the written approval of the laboratory

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*Sampling is not done by the Lab

*BDL - Below Detection Limit

*NT - Not Tested

*Lack of the Report

Kerala Water Authority

Kaduthuruthy

Pin - 686504, Kottayam

Reviewed and Authorized by
(Signature with Stamp)

Sub Francis
Res Date 30.06.2025



QUALITY CONTROL SUB DISTRICT LAB

KERALA WATER AUTHORITY
KADUTHURUTHY, KOTTAYAM

Telephone No. 04829-299766, Email: qcsublabkadu@gmail.com

TEST REPORT

Report No: KD645/KADU/06/2025

Date: 28.06.2025

Customer Name & Address ST THERESE ENGLISH MEDIUM SCHOOL AYAMKUDY	1. Date of Receipt	25.06.2025
	2. Sampling done by	III FHC KADUTHURUTHY
	3. Sample Code	2025/QCSDL/KADU/KD 2858
	4. Source of Sample	WELL
	5. Sample Quantity	100 ML
	6. Sample condition	ACCEPTABLE
	7. Test performing dates: 25.06.2025 TO 28.06.2025	

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	ABSENT
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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- *Sampling is not done by the Lab

Quality Control Sub District Lab
Kerala Water Authority
Kaduthuruthy
Pin - 686604, Kottayam



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Authorized By

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KWA/QC/KADU/AR/T3

Issue No 02

Issue Date 23 09 2024

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