



**QUALITY CONTROL SUB DISTRICT LAB**  
**KERALA WATER AUTHORITY,**  
**KADUTHURUTHY, KOTTAYAM**

Telephone No. 04829-299766, Email: [qcsdlkadu@gmail.com](mailto:qcsdlkadu@gmail.com)

**TEST REPORT**

(NABL Recognized Block level Government Drinking Water Testing Laboratory)

Certificate No. NABL- DWT -00927

Report No: KD641/KADU/06/2025	Date: 27.06.2025
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Customer Name & Address  SREE SARASWATHY VIDYA MANDIR KARIKODE PERUVA	1.Date of Receipt	23.06.2025
	2.Sampling done by	CUSTOMER
	3.Sample Code	2025/QCSDL/KADU/KD 2854
	4.Source of Sample	WELL
	5.Sample Quantity	2 LITRES
	6.Sample conditions	ACCEPTABLE
	7.Test performing dates: 23.06.2025 TO 24.06.2025	

Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500:2012	Limit of detection LOD	Result
1	Colour	HU	APHA 24 <sup>th</sup> 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	6.2
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 <sub>3</sub> )	(mg/litre)	IS 3025(part 21)-2009 (Reaffirmed 2019)EDTA method	200	5	18
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 <sup>th</sup> 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	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
- \*End of the Report

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

Reviewed and Authorized by  
(Signature with Name)  
Jisha Francis  
Rev Date 00/00/00



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KADUTHURUTHY, KOTTAYAM

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Report No: KD641/KADU/06/2025	Date: 27.06.2025
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Customer Name & Address  SREE SARASWATHY VIDYA MANDIR KARIKODE PERUVA	1.Date of Receipt	23.06.2025
	2.Sampling done by	CUSTOMER
	3.Sample Code	2025/QCSDL/KADU/KD 2854
	4.Source of Sample	WELL
	5.Sample Quantity	2 LITRES
	6 Sample condition	ACCEPTABLE
Test performing dates: 23.06.2025 TO 24.06.2025		

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)		46.22
2	Acidity	(mg/litre)	IS 3025(part22)-1986 (Reaffirmed 2019) Indicator method		NT
3	Sulphate (as SO <sub>4</sub> )	(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)	IS3025(part53)2003(Reaffirmed2014) Phenanthroline method	1	BDL
6	Nitrate(as NO <sub>3</sub> )	(mg/litre)	Kit Method	45	BDL
7	Residual Chlorine	(mg/litre)	Kit Method	0.2	NT

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- \*NT-- Not Tested
- \*End of the Report\*

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Reviewed and Authorized by  
(Signature with Name)

*Irsha Francis*



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## TEST REPORT

Report No: KD641/KADU/06/2025

Date: 27.06.2025

Customer Name & Address	1.Date of Receipt	23.06.2025
SREE SARASWATHY VIDYA MANDIR KARIKODE PERUVA	2.Sampling done by	CUSTOMER
	3.Sample Code	2025/QCSDL/KADU/KD 2854
	4.Source of Sample	WELL
	5.Sample Quantity	100 ML
	6.Sample condition	ACCEPTABLE
	7. Test performing dates: 23.06.2025 TO 26.06.2025	

### 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

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