



**QUALITY CONTROL SUB DISTRICT LAB  
KERALA WATER AUTHORITY  
KADUTHURUTHY, KOTTAYAM**  
Telephone No. 0481-2302394, Email- [qcsdlkndu@gmail.com](mailto:qcsdlkndu@gmail.com)  
**Test Report**

Report No: KD 453/KADU/ 07/2023		Date: 13.07.2023
Customer Name & Address  EBENEZER INTERNATIONAL RESIDENTIAL SCHOOL PATTITHANAM P.O	1. Date of Receipt	10.07.2023
	2. Sampling done by	PHC, KANAKKARI
	3. Sample Code	2023/QCSDL/KADU/KD2363
	4. Source of Sample	OPEN WELL
	5. Sample Quantity	2 Ltr
	6. Sample Condition	ACCEPTABLE
	7. Test performing dates:	10.07.2023 to 12.07.2023

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)		43.87
2	Acidity	(mg/litre)	IS 3025(part22)-1986 (Reaffirmed 2019)		NT
3	Sulphate (as SO <sub>4</sub> )	(mg/litre)	IS 3025(part24)-1986 (Reaffirmed 2019)	200	NT
4	Fluoride (as F)	(mg/litre)	APHA 23 <sup>rd</sup> Edition 4500 - F D	1	NT
5	Iron (as Fe)	(mg/litre)	IS 3025(part53)-2003 (Reaffirmed 2014)	1	BDL
6	Nitrate(as NO <sub>3</sub> )	(mg/litre)	APHA 23 <sup>rd</sup> Edition 4500- NO <sub>3</sub> B	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

*Sonia* (TM)  
Verified By

\*End of the Report\*

*A. N. M.*

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

KWA/QC/KADU/AR/F3

Issue No.01

Issue Date: 01.01.2022

Rev. 02

True Copy Attested

*Sonia*  
14/07/2023

**SONIA ELIZABETH ANTONY**  
Principal  
Ebenezer International Residential School  
Pattithanam P.O., Kottayam - 686 631

**Ebenezer International Residential School**

*A. N. M.*  
14/07/2023  
**Assistant General Manager**





**QUALITY CONTROL SUB DISTRICT LAB  
KERALA WATER AUTHORITY  
KADUTHURUTHY, KOTTAYAM**  
Telephone No. 0481-2302391, Email- qcSDLkadu@gmail.com



TC-10836

**Test Report**

ULR - TC1083623000000299F

Report No: KD453/KADU/ 07/2023	Date: 13.07.2023	
Customer Name & Address  EBENEZER INTERNATIONAL RESIDENTIAL SCHOOL PATTITHANAM P.O	1.Date of Receipt	10.07.2023
	2.Sampling done by	PHC,KANARKKARI
	3.Sample Code	2023/QCSDL/KADU/KD 2363
	4.Source of Sample	OPEN WELL
	5.Sample Quantity	2 Ltr
	6 Sample condition	ACCEPTABLE
	7.Test performing dates: 10.07.2023to 12-07-2023	

Sl No	Characteristics	Unit	Test Method	Desirable limits As per IS 10500:2012	Limit of detection	Result
1	Colour	HU	APHA-23 <sup>rd</sup> Edition- 2120 colour method B	5	1HU to 100HU	NT
2	Odour		IS 3025 (part 5) - 2018		Agreeable/Disagreeable	NT
3	Taste		IS 3025(part5)-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	6.6
6	Total Alkalinity (as CaCO <sub>3</sub> )	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(part 6)-1984 (Reaffirmed 2017)	500	5 to 10000	NT
8	Total hardness (as CaCO <sub>3</sub> )	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 <sup>rd</sup> 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	14

Sampling Points:

Remarks:-

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- \*Sampling is not done by the Lab
- \*BDL - Below Detection Limit
- \*NT- Not Tested

*[Signature]*  
(TM)  
Verified By

\*End of the Report\*

*[Signature]* (TM)  
Sheenaw M.S.  
Authorized Signatory  
(Signature with name)

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

KWA/QC/KADU/AR/F3 Issue No.02

Issue Date: 19.10.2022

Rev. 02

Rev. Date: 06-05.2023

True Copy Attested

*[Signature]*  
14/07/2023  
**SONIA ELIZABETH ANTONY**  
Principal  
Ebenezer International Residential School  
Pattithanam P.O., Kottayam - 686 631

*[Signature]*  
14/07/2023  
**Ebenezer International Residential School**  
Assistant General Manager.





**QUALITY CONTROL SUB DISTRICT LAB**  
**KERALA WATER AUTHORITY**  
**KADUTHURUTHY, KOTTAYAM**  
 Telephone No. 0481-2302391, Email- qcsdlkadu@gmail.com

**TEST REPORT**

Report No: KD 453/KADU/ 07 /2023 Date: 13.07.2023

Customer Name & Address	1.Date of Receipt	10.07.2023
EBENEZER INTERNATIONAL RESIDENTIAL SCHOOL PATTITHANAM P.O	2.Sampling done by	PHC,KANAKKARI
	3.Sample Code	2023/QCSDL/KADU/KD 2363
	4.Source of Sample	OPEN WELL
	5.Sample Quantity	100 ML
	6.Sample Condition	ACCEPTABLE
	7.Test performing dates : 10.07.2023 to 13.07.2023	

**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	pMPN Method	NIL
2	E-coli	Shall not be detected/100ml	MPN/100ml	MPN Method	NIL

**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\*

*Neelgaur*  
(Bacteriologist)  
Verified By

*(COY GM)*  
Authorized By  
Quality Control Sub District Lab  
Kerala Water Authority  
Kaduthuruthy  
Kottayam

KWA/QC/KADU/AR/F4

Issue No.01

Issue Date : 01.01.2022

Rev. No.02

REV. No. 02/2023

True Copy Attested

*Sonia*  
14/07/2023  
**SONIA ELIZABETH ANTONY**  
Principal  
Ebenezer International Residential School  
Pattithanam P.O.,Kottayam - 686 631

**Ebenezer International Residential School**  
*[Signature]*  
14/07/2023  
**Assistant General Manager**