



**QUALITY CONTROL SUB DISTRICT LAB
KERALA WATER AUTHORITY
COLLECTORATE P O, KOTTAYAM**

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

(NABL Recognized Block Level Government Drinking Water Testing Laboratory)

Test Report

Certificate No. NABL-DWT-00897

Date: 16.09.2025

Report No. 1154/QC/KTM/09/2025

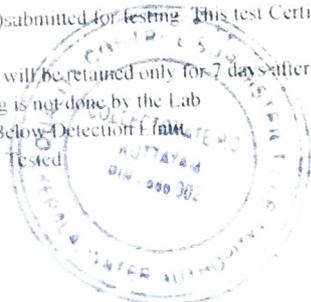
Customer Name & Address EXCELSIOR ENGLISH SCHOOL ILLICKAL KOTTAYAM WEST P O KOTTAYAM	1. Date of Receipt	10/09/25
	2. Sampling done by	CUSTOMER
	3. Sample Code	2025/QC/KTM/M3759
	4. Source of Sample	KWA STORAGE WATER
	5. Sample Quantity	2 Litres
	6. Sample Condition	Acceptable
	7. Test performing date: 10.09.2025 - 13.09.2025	

Sl.No.	Characteristics	Unit	Test Method	Limit of Detection	Acceptable limits As per IS 10500:2012	Result
1	Colour	HU	APHA 24 th Edition (2023) 2120 B Visual comparison Method	1	5	1
2	Odour		IS 3025 (part 5) - 2018	Agreeable	Agreeable	Agreeable
3	Taste		IS 3025 (part 8) - 2023	Agreeable	Agreeable	Agreeable
4	Turbidity	NTU	IS 3025 (part 10) - 2023 Nephelometric Method	0.5	1	0.61
5	pH at 25 °C		IS 3025 (part 11) - 2022 - Potentiometric Method	2	6.5 - 8.5	7.7
6	Total Alkalinity (as CaCO ₃)	mg/l	IS 3025 (part 23) - 2023 Indicator Method	5	200	30.2
7	Total dissolved solids (TDS) at 180°C	mg/l	IS 3025 (part 16) - 2023 (TDS Meter/Gravimetric Method)	10	500	62.1
8	Total hardness (as CaCO ₃)	mg/l	IS 3025 (part 21) - 2009 (Reaffirmed 2023) EDTA Method	10	200	34
9	Calcium (as Ca)	mg/l	IS 3025 (part 40) - 2024 EDTA Titrimetric Method	5	75	9.6
10	Magnesium (as Mg)	mg/l	APHA 24 th Edition (2023) 3500 - Mg B- Calculation Method	5	30	BDL
11	Chloride (as Cl)	mg/l	IS 3025 (part 32) - 1988 (Reaffirmed 2019) Argentometric Method	10	250	15

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 and Authorized By
(Signature with Name)

Jyothilekshmi K G.

SREELEKHA S

*2/3/25
11/02/26*





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

Report No:1154-QC-KTM/09/2025 Date:16.09.2025

Customer Name & Address EXCELSIOR ENGLISH SCHOOL ILLICKAL KOTTAYAM WEST P O KOTTAYAM	1.Date of Receipt	10/09/25
	2.Sampling done by	CUSTOMER
	3.Sample Code	2025/QC/KTM/M3759
	4.Source of Sample	KWA STORAGE WATER
	5.Sample Quantity	2 Litres
	6.Sample Condition	Acceptable
	7.Test performing date:10.08.2025 – 13.09.2025	

Test Report

Sl. No	Characteristics	Unit	Test Method	Desirable limits as per IS 10500:2012	Result
1	Electrical conductivity at 25 °C	(Micro mhos/cm)	IS 3025(part14)-2013 (Reaffirmed 2023)		93.1
2	Acidity	(mg/litre)	IS 3025(part22)-2024 Indicator Method		BDL
3	Sulphate (as SO ₄)	(mg/litre)	IS 3025(part24/Sec 1) Turbidity Method	200	BDL
4	Fluoride (as F)	(mg/litre)	KIT Method	1	BDL
5	Iron (as Fe)	(mg/litre)	IS 3025(part53)-2024 (Phenanthroline Method)	1	BDL
6	Nitrate(as NO ₃)	(mg/litre)	KIT Method	45	5
7	Residual chlorine	(mg/litre)	KIT Method	0.2	NIL
8	Biological Oxygen Demand	(mg/litre)	IS 3025(part 44)-2023-Oxygen Depletion Method		NT
9	Dissolved Oxygen	(mg/litre)	IS 3025(part 38)-1989 (Reaffirmed 2019) –Winkler Method		NT
10	Chemical Oxygen Demand	(mg/litre)	IS 3025(part 58)-2006 (Reaffirmed 2023) –Open Reflux Method		NT
11	Total Suspended Solids @ 103°C - 105°C (TSS)	(mg/litre)	IS 3025(part 17)-2023 Gravimetric Method		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 Test



Verified and Authorized By
(Signature with Name)
Jyothilekshmi K.G.

KWA/QC/MC/AR/F3

Issue No.04

SREELEKHA S.

25/09/25
11/02/26

Issue Date: 28.06.2024



Rev Date: 23.08.2025



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

TEST REPORT

Report No 1154/QC/KTM/09/2025	Date: 16.09.2025
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Customer Name & Address EXCELSIOR ENGLISH SCHOOL ILLICKAL KOTTAYAM WEST P O KOTTAYAM	1.Date of Receipt	10/09/25
	2.Sampling done by	CUSTOMER
	3.Sample Code	2025/QC/KTM/M3759
	4.Source of Sample	KWA STORAGE WATER
	5.Sample Quantity	100ML
	6.Sample Condition	Acceptable
	7.Test performing date	10.09.2025- 13.09.2025

BACTERIOLOGICAL ANALYSIS

	Parameters	Acceptable Limits as per- IS 10500-2012	Test Method	Result
1	Coliforms	Shall not be detected/100ml	IS 15185:2016 (Reaffirmed 2021)	ABSENT
2	E.coli	Shall not be detected/100ml	IS 15185:2016 (Reaffirmed 2021)	ABSENT

Test Method :

Coliforms- Membrane filtration Method

E coli- Membrane filtration Method

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 written approval of the laborator

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

*Sampling is not done by the lab

END OF REPORT



Verified and Authorized By
(Signature with Name)

[Signature] Page 1-1

KWA/QC/MC/AR/14

Issue No 01

Issue Date: 16.09.2025

Rev No 01

Rev Date 27.08.2025

**SREELEKHA S
PRINCIPAL
EXCELSIOR ENGLISH SCHOOL**

[Signature]
11/02/26

