



QUALITY CONTROL SUB DISTRICT LABORATORY

KERALA WATER AUTHORITY

THALAYOLAPARAMBU, VAIKOM, KOTTAYAM

Telephone No. 04829-292143, Email: qcsdlvkm@gmail.com

(NABL Recognized Block level Government Drinking Water Testing Laboratory)

TEST REPORT

Certificate No. NABL – DWT – 00931

Report No: 964/TPB/05/2026

Date:03/06/2026

Customer Name & Address THE HEADMASTER RAJAGIRI AMALA PUBLIC SCHOOL MOOTHEDATHUKAVU	1.Date of Receipt	30/05/2026
	2.Sampling done by	CUSTOMER
	3.Sample Code	2026/QC/TPB/T1524
	4.Source of Sample	BORE WELL (DRINKING WATER)
	5.Sample Quantity	2 LITRES
	6.Sample conditions	ACCEPTABLE
	7.Test performing dates : 30/05/2026 – 03/06/2026	

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	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	1	0.5	0.90
5	pH at 25 °C		IS 3025 (part 11) 2022 Potentiometric method	6.5 – 8.5	2	7.4
6	Alkalinity	(mg/litre)	IS 3025 (part 23)- 2023- Indicator method	200	5	22.4
7	Total dissolved solids (TDS)	(mg/litre)	IS 3025 (part 16) 2023 Gravimetric method/TDS Meter)	500	5	92
8	Total hardness (as CaCO ₃)	(mg/litre)	IS 3025 (part 21)-2009 (Reaffirmed 2023) EDTA method	200	5	44
9	Calcium (as Ca)	(mg/litre)	IS 3025 (part 40) 2024 EDTA Titrimetric method	75	5	9.6
10	Magnesium (as Mg)	(mg/litre)	APHA 24 th Edition(2023) 3500- Mg B Calculation method	30	5	4.9
11	Chloride (as Cl)	(mg/litre)	IS 3025(part 32) 2025 Argentometric method	250	5	33.7

Remarks:-BDL

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*

Remya
Remya.K.M

QUALITY CONTROL SUB DISTRICT LABORATORY
KERALA WATER AUTHORITY
THALAYOLAPARAMBU, VAIKOM
KOTTAYAM 686025
Reviewed and Authorized by
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KWA/QC/VKM/AR/F3

Issue No.04

Issue Date: 23.09.2024

Rev. 02

Rev. Date :10.04.2026



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Test Report

Report No:964/TPB/05/2026	Date:03/06/2026
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Customer Name & Address THE HEADMASTER RAJAGIRI AMALA PUBLIC SCHOOL MOOTHEATHUKAVU	1.Date of Receipt 30/05/2026 2.Sampling done by CUSTOMER 3.Sample Code 2026/QC/TPB/T1524 4.Source of Sample BORE WELL(DRINKING WATER) 5.Sample Quantity 2 LITRES 6.Sample Condition ACCEPTABLE 7.Test performing dates: 30/05/2026 – 03/06/2026
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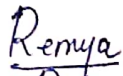
Sl. No	Characteristics	Unit	Test Method	Desirable limits as per IS 10500:2012	Result
1	Electrical conductivity at 25 °C	(Micromhos/cm)	IS 3025(part14)-2013 (Reaffirmed 2023)		140
2	Acidity	(mg/litre)	IS 3025(part22) 2024 Indicator Method		10
3	Sulphate (as SO ₄)	(mg/litre)	IS 3025(part24 /Sec1) 2022 Turbidity Method	200	BDL
4	Fluoride (as F)	(mg/litre)	KIT METHOD	1	BDL
5	Iron (as Fe)	(mg/litre)	IS 3025(part53)-2004 Phenanthroline Method	1	0.1
6	Nitrate(as NO ₃)	(mg/litre)	KIT METHOD	45	BDL
7	Residual Chlorine	(mg/litre)	KIT METHOD	0.2	NIL

Remarks: -

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End of the Report


Remya K.M
 Reviewed and Authorized by
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Customer Name & Address THE HEADMASTER RAJAGIRI AMALA PUBLIC SCHOOL MOOTHEDATHUKAVU	1.Date of Receipt	30/05/2026
	2.Sampling done by	CUSTOMER
	3.Sample Code	2026/QC/TPB/T1524
	4.Source of Sample	BORE WELL (DRINKING WATER)
	5.Sample Quantity	100ml.
	6.Sample Condition	ACCEPTABLE
	7.Test performing dates:	30/05/2026 - 03/06/2026

BACTERIOLOGICAL ANALYSIS

Sl No.	Parameters	Acceptable limits as per - IS 10500-2012	Test Method	Result
1	Coliforms	Shall not be detected/200ml	IS 15185:2016 (Reaffirmed 2021)	ABSENT
2	E.coli	Shall not be detected/200ml	IS 15185:2016 (Reaffirmed 2021)	ABSENT

Test method

Coliforms: Membrane Filtration Method

E. coli: Membrane Filtration Method

Remarks:-

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END OF REPORT

Azeja Rajis

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