



QUALITY CONTROL SUB DISTRICT LAB

KERALA WATER AUTHORITY

KAYAMKULAM

Ph. No. 0479-2999966

E-mail : aeqcsdlkylm@gmail.com

(NABL Recognized Block Level Government Drinking Water Testing Laboratory)

WATER ANALYSIS REPORT

Certificate No..NABL-DWT-00938

Report No:948/A/2026	Date: 21/05/2026
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Customer Name & Address The Headmistress M.G.M Vidya Jyothi Central School Payikuzhi Oachira	1.Date of Sample Received	:19/05/2026
	2.Sampling done by	: Customer
	3.Sample Code	: 2026/QCSDL/KYLM/A 948
	4.Source of Sample	: Drinking Water (Bore Well)
	5.Sample Quantity	: 2Lr
	6.Test performing dates	From:19/05/2026 To: 20/05/2026

Sl. No	Characteristics	Unit	Desirable limits As per IS 10500:2012	Test Method	Result
1	Colour	Pt-Co Unit	5	APHA 2120 B	<5
2	Odour	-	Agreeable	IS 3025(part 5)-2018	Agreeable
3	Taste	-	Agreeable	IS3025 (Part 8)2022	Agreeable
4	Turbidity	(NTU)	1	IS 3025(part10)-1984 (Reaffirmed 2023)	0.48
5	pH at -25°C	-	6.5-8.5	IS 3025(part 11)-1983 (Reaffirmed 2022)	6.54
6	Alkalinity	(mg/litre)	200	IS 3025(part 23)-1986 (Reaffirmed 2019)	26
7	Total Dissolved Solids (TDS) at 180°C	(mg/litre)	500	IS 3025(part16)-1984 (Reaffirmed 2023)	89
8	Total Hardness (as CaCO ₃)	(mg/litre)	200	IS 3025(part21)-2009 (Reaffirmed 2019)	42
9	Calcium(as Ca)	(mg/litre)	75	IS 3025(part40)-1991 (Reaffirmed 2019)	8.82
10	Magnesium (as Mg)	(mg/litre)	30	APHA 3500 - Mg B	4.86
11	Chloride(as Cl)	(mg/litre)	250	IS 3025(part32)-1988 (Reaffirmed 2019)	30



Verified & Authorized by

Chemist

NB: The result stated above related only to the sample(s) submitted for testing. The test Certificate shall not be produced except in full without the written approval of the Laboratory.

Sample will be retained only for 7 days after completion of analysis
Sampling is not done by the Lab

End of the report

Page 1 -1

KWA/KYLM/K F4

Issue No. 01

Issue Date: 01.12.2021

Rev.No. 02

Rev. Date: 09.10.2024



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The Headmistress M.G.M Vidya Jyothi Central School Payikuzhi Oachira	2.Sampling done by	: Customer
	3.Sample Code	: 2026/QCSDL/KYLM/A 948
	4.Source of Sample	: Drinking Water (Bore Well)
	5.Sample Quantity	: 2Lr
	6.Test performing dates	From: 19/05/2026 To: 20/05/2026

Sl. No	Characteristics	Unit	Desirable limits As per IS 10500:2012	Test Method	Result
1	Electrical conductivity at ...25°C	(micro mhos/cm)	-	IS 3025(part14)-2013 (Reaffirmed 2019)	131.8
2	Acidity	(mg/litre)	-	IS 3025(part22)-1986 (Reaffirmed 2019)	6
3	Sulphate (as SO ₄)	(mg/litre)	200	IS 3025(part24)-2022	6.58
4	Fluoride (as F)	(mg/litre)	1	APHA 4500-F ⁻ D	BDL
5	Iron (as Fe)	(mg/litre)	1	IS 3025(part53)-2024	0.26
6	Nitrate (as NO ₃)	(mg/litre)	45	Kit Method	BDL
7	Residual Chlorine	(mg/litre)	0.2	-	-

Verified & Authorized by

Chemist

NB: The result stated above related only to the sample(s) submitted for testing. The test Certificate shall not be produced except in full without the written approval of the Laboratory.

Sample will be retained only for 7 days after completion of analysis
Sampling is not done by the Lab
BDL- Below Detection Limit

Page 1 -2

KWA/KYLM/A F4

Issue No. 01

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WATER ANALYSIS REPORT

Report No:948/A/2026

Date: 21/05/2026

Customer Name & Address The Headmistress M.G.M Vidya Jyothi Central School Payikuzhi Oachira	1.Date of Sample Received	:19/05/2026
	2.Sampling done by	: Customer
	3.Sample Code	: 2026/QCSDL/KYLM/A 948
	4.Source of Sample	: Drinking Water (Bore Well)
	5.Sample Quantity	: 200 ml
	6.Test performing dates From:19/05/2026 To: 21/05/2026	

BACTERIOLOGICAL ANALYSIS

No	Parameters	Acceptable limits as per – IS 10500 - 2012	Test Method	Result
1	Coliforms	Shall not be detected/100 ml	IS15185:2016 (Reaffirmed 2021)	Absent
2	<i>E. coli</i>	Shall not be detected/100 ml	IS15185:2016 (Reaffirmed 2021)	Absent

Remarks:-

NB:-The results 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.

Test Method :
Coliform – Membrane Filtration Method
E. coli - Membrane Filtration Method



Verified & Authorized by

Bacteriologist

Page 2-2

End of the report

KWA/KYLM/A F4

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BLOCK FAMILY HEALTH CENTRE OACHIRA

Njakkanal P. O, Kollam-690533

Ph:04762690226 Email:chcoachira@gmail.com

Annexure C

PERFORMA FOR SAFE DRINKING AND SANITARY CONDITION CERTIFICATE

No.732/26

Dated:17/07/2026

It is certified that an inspection team headed by T R Monilal, Health Inspector from CHC Oachira inspected the M.G.M.Vidya Jyothi Central School, Payikuzhi , Oachira on 17/07/2026 and on the basis of water test report bearing number 948/A/2026 dated 21/05/2026 of Kerala water Authority, Kayamkulam certified that the M.G.M.Vidya Jyothi Central School, Payikuzhi , Oachira has safe drinking water facilities for the students and members of the staff of the institution. School is also maintains the hygienic sanitation condition in the school building & the campus as per norms prescribed by the Central /State Govt.

This Certificate is valid till 16/07/2027



Signature with Seal:

Name:

Designation:

HEALTH INSPECTOR
COMMUNITY HEALTH CENTRE
OACHIRA

Name and Address of the Office/ Department: