



KERALA WATER AUTHORITY
QUALITY CONTROL SUB DISTRICT LAB
KALPETTA, WAYANAD
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[NABL Recognition Of Government Drinking Water Testing Laboratory]
Certificate No: NABL-DWT-00974

TEST REPORT

ULR No-KAL2605000000000598

Report No -KWA/QCSDL/KAL/2026/E137

Date of Dispatch:14/05/2026

Name & Address KRISTU RAJA PUBLIC SCHOOL VELLARAMKUNNU	1.Sample received on	:11/05/2026
	2.Sample description	:Drinking water
	3.Sample condition	:Sealed
	4.Sampling done by	:HI
	5.Application ID	:QUA_334806
	6.Source of sample	:OPEN WELL
	7.Sample quantity	:1 L
	8.Page no.	:Page 1 of 2
Contact No:9946099959	9.Test performing dates	From:11/05/2026 To:14/05/2026

Sl NO	Characteristics	Unit	Test Method	Limits as per IS 10500-2012		Result
				Acceptable limit	Permissible limit	
1	Colour	Hazen Unit (HU)	IS 3025 (part 4)-2021 (Platinum Cobalt- Visual Comparison)	5	15	--
2	Odour		IS 3025 (part 5)-2018	Agreeable	Agreeable	--
3	Taste		IS 3025(part 8)- 2023	Agreeable	Agreeable	--
4	Turbidity	NTU, max	IS 3025 (part 10)-2023 (Nephelometric method)	1	5	0.25
5	pH at 25 °C		IS 3025 (part 11)-2022 (Electrometric Method)	6.5 to 8.5	6.5 to 8.5	7.63
6	Alkalinity	mg/litre,max	IS 3025 (part 23)-2023 (Indicator Method)	200	600	--
7	Total Dissolved Solids (TDS) at 180 °C	mg/litre, max	IS 3025 (part 16)-2023 (Gravimetric method)	500	2000	7.0
8	Total Hardness (as CaCO ₃)	mg/litre, max	IS 3025 (part 21)-2023 (EDTA Method)	200	600	3.9
9	Calcium (as Ca)	mg/litre, max	IS 3025 (part 40)-2024 (EDTA Method)	75	200	--
10	Magnesium (as Mg)	mg/litre, max	IS 3025 (part 46)-2023 (Volumetric Method Using EDTA)	30	100	--
11	Chloride (as Cl)	mg/litre, max	IS 3025 (part 32)-2019 (Argentometric Method)	250	1000	1.5

NB:-1) The results stated above related only to the samples submitting for testing. This test certificate shall not be reproduced except in full without the written approval of the Laboratory. 2) Retention days of sample is 5days3)BDL-BELOW DETECTED LIMIT

Analyzed By:

Reviewed And Authorized By:



AMRITHA K.S.
DEPUTY QUALITY MANAGER
Quality Control Sub District Laboratory
Kalpetta, Wayanad

KWA/QCSDL/KAL/F/04 Issue: 01 Issue date: 01.10.2021

Revision no.:01

Revision date: 00



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Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
12	Electrical conductivity at 25°C	(micro mhos/cm)	IS 3025 (part 14)-2013 (Wheatstone Bridge Conductance Cell Method)		12
13	Iron (as Fe)	(mg/litre)	IS 3025 (part 53)-2003 (Spectrophotometric method)	1.0	0.5
14	Nitrate (as NO ₃)	(mg/litre)	IS 3025 (part 34)-1988 (Spectrophotometric method)	45	5.0

NB:-1) The results stated above related only to the samples submitting for testing. This test certificate shall not be reproduced except in full without the written approval of the Laboratory. 2) Retention days of sample is 5 days 3)BDL-BELOW DETECTED LIMIT

Analyzed By:

Reviewed And Authorized By: **DEPUTY QUANTITY MANAGER**
QUALITY CONTROL SUB DISTRICT LAB
Kalpetta, Wayanad

TEST REPORT - BACTERIOLOGY

Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
1	Coliforms	CFU/100ml	IS 15185: 2016 (Reaffirmed 2021)	Shall not be detectable in any 100ml sample	Absent
2	E.coli	CFU/100ml	IS 15185: 2016 (Reaffirmed 2021)	Shall not be detectable in any 100ml sample	Absent

NB:-1) The results stated above related only to the samples submitting for testing. This test certificate shall not be reproduced except in full without the written approval of the Laboratory. 2) Retention days of sample is 5 days

Authorized By : Microbiologist

