



KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LABORATORY
KIZHAKKUMPATTUKARA THRISSUR
Telephone No - 6487-2338380, E-mail - kwa.qc.tsr@gmail.com

Test Report
Physical and Chemical Parameters

Test Report. No :KWA/QCDL/TSR/5656/2026

Report Date: 16/07/2026

Excel Public School, Arthat, Kunnamkulam, Mob: 9544332262				1. Date of receipt : 14/07/2026		
				2. Sampling done by : The Customer		
				3. UID No.of Sample: KWA/QCDL/TSR/S-005656/2026		
				4. Source of sample :Openwell		
				5.Sample condition : Fit for requested tests		
				6. Name of sample : Drinking water		
				7. Purpose of test : Commercial		
				8. Sample quantity : 2 Litre		
				9. Test performing dates; ,		
				From : 14/07/2026 To: 16/07/2026		
Sl. No.	Characteristic	Unit	Test Method	Indian Standard Drinking Water - Specification (IS 10500 : 2012)		Result
				Requirement (Acceptable Limit)	Permissible limit in the Absence of Alternate Source *	
1	Turbidity	NTU	IS 3025 (part 10) : 2023 Nephelometric method	1	5	0.30
2	pH at 25°C		IS 3025 (part 11) : 2022 Electrometric method	6.5 to 8.5	No relaxation	6.5
3	Electrical Conductivity at 25°C.	microsie mens /cm	IS 3025 (part 14) : 2013 (R. 2023) Electrometric method	-	-	161.0
4	Total Hardness. (as CaCO ₃)	mg/litre	IS 3025 (part 21) : 2009 (R. 2023) EDTA titration method	200	600	64.0
5	Chloride (as Cl ⁻)	mg/litre	IS 3025 (part 32) : 2025 Argentometric titration method	250	1000	28.0
7	Iron (as Fe)	mg/litre	IS 3025 (part 53) - 2024 1,10Phenanthroline method	1.0	1.0	0.13
8	Nitrate (as NO ₃)	mg/litre	IS 3025 (Part 34/Sec 1) : 2023 UV Spectrophotometric Screening method	45	No relaxation	* < LOD

* The values in excess of 'Acceptable' limit is not suitable. Such a value may, however, be tolerated in the absence of an alternative source.The Value above Permissible limit will have to be rejected (Indian Standard IS 10500 : 2012).

* < LOD - Less than limit of detection

Microbiology Test reports on page 2

Remarks:- All the tested parameters are passed to conform with the acceptable limits of drinking water specification IS-10500:2012

[Decision rule is applied in this report; The conformity assessment (pass/Fail) has been made by comparing the test results with the acceptable limits of Indian standard Drinking Water-Speccification IS 10500:2012, without taking measurement uncertainty in to consideration (Customer has not requested any specific decision rule, so laboratory applies Simple acceptance rule)]

AB:- The results stated above related only to the sample(s) submitted for testing. The Sample will be retained for 7 days from the end of the Analysis. This test report shall not be reproduced except in full without the written approval of the Laboratory.

Reviewed by: Cinda AC
(Chemist)



Authorized by Ragesh MK
(Sanitary Chemist)
Deputy Quality Manager
Quality Control District Laboratory
Kerala Water Authority
Thrikkur-680 005

End of The Report

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KERALA WATER AUTHORITY
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Telephone No - 0487-2338380, E-mail - kwa.qc.tsr@gmail.com

Test Report
Physical and Chemical Parameters

Test Report. No :KWA/QCDL/TSR/5656/2026

Report Date: 16/07/2026

Customer Name & Address				1. Date of receipt : 14/07/2026		
Excel Public School, Arthath, Kunnamkulam, Mob: 9544332262				2. Sampling done by : The Customer		
				3. UID No.of Sample: KWA/QCDL/TSR/S-005656/2026		
				4. Source of sample :Openwell		
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				6. Name of sample : Drinking water		
				7. Purpose of test : Commercial		
				8. Sample quantity : 2 Litre		
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				From : 14/07/2026 To: 16/07/2026		
Sl. No.	Characteristic	Unit	Test Method	Indian Standard Drinking Water - Specification (IS 10500 : 2012)		Result
				Requirement (Acceptable Limit)	Permissible limit in the Absence of Alternate Source *	
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7	Iron (as Fe)	mg/litre	IS 3025 (part 53) - 2024 1,10Phenanthroline method	1.0	1.0	0.13
8	Nitrate (as NO ₃)	mg/litre	IS 3025 (Part 34/Sec 1) : 2023 UV Spectrophotometric Screening method	45	No relaxation	< 1.00

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* < LOD - Less than limit of detection

Microbiology Test reports on page 2

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Reviewed by: Cinda AC
(Chemist)



Authorized by: Ragesh MK
(Deputy Quality Manager)
Quality Control District Laboratory
Kerala Water Authority
Thrissur-680 005

End of The Report

KWA/QCDL/TSR-R-No.6	Issue No: 1	Issue Date 04/07/2026
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Annexure C

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. 7366565 - 2026

Dated: 25.09.2026

It is certified that an inspection team headed by Sunil M. Clean City Manager (in charge)

(Name of Officers with designation) from Kunnamkulam Municipality PHED

inspected the Excel Public School P.O Arthath

(Name & Address of the school) on 23/9/2026 (date of inspection) and on the basis of

Water Test Report (Attached) bearing no KWA/QCDL/TSR/5656/26 dated 16.07.2026

of (PHED Lab) certified that

the Excel Public School (Name of school) has safe drinking water

facilities for the students and members of 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/ U.T. Govt.

This certificate is valid till

Signature with Seal: [Signature]
Name: SUNIL M
Designation: PHED
Name & Address of the Office: PHED, Kunnamkulam Municipality

To Excel Public School
Kunnamkulam, Arthath
(Name & Address of the Institution)

Note: The certificate is to be issued by authorized officer / PHED Lab / local bodies

