



KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LABORATORY
KIZHAKKUMPATTUKARA THRISSUR

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



TC-10415

Test Report

Test Report. No :KWA/QCDL/TSR/4066/2024

ULR No.: TC1041524000003635F

Report Date: 04.06.2024

Customer Name & Address			1. Date of receipt : 30.05.2024		
St.Elizabeth English Medium School,Ponganamkad,680028, Mob- 9961599609			2. Sampling done by : The Customer		
			3. UID No.of Sample: KWA/QCDL/TSR/S-004066/2024		
			4. Source of sample : Open Well		
			5. Sample condition : Good		
			6. Name of sample : Drinking water		
			7. Purpose of test : Commercial		
			8. Sample quantity : 2 litre		
			9. Test performing dates		
			From : 01.06.2024 To :01.06.2024		
Sl. No.	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
1	Turbidity	(NTU)	IS 3025 (part 10) - 2023 Nephelometric method	1	0.37
2	pH at 25°C		IS 3025 (part 11) - 2022 Electrometric method	6.5 to 8.5	7.0
3	Total Hardness (as Ca CO ₃)	(mg/litre)	IS 3025 (part 21)-2009 (Reaffirmed, 2019)EDTA titration method	200	32.0
4	Chloride (as Cl)	(mg/litre)	IS 3025 (part 32) - 1988 (Reaffirmed, 2019) Argentometric titration	250	14.0
5	Iron (as Fe)	(mg/litre)	IS 3025 (part 53) - 2024 1,10 Phenanthroline method	1.0	0.30
6	Nitrate (as NO ₃)	(mg/litre)	APHA 4500 - NO ₃ B.Ultraviolet screening method	45	24.0

Remarks:- All the tested parameters are within the acceptable limit.

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.

Reviewed by:



Authorized By Ragesh M K

Quality Manager,
Quality Control District Laboratories
Kerala Water Authority
Thrissur - 680 005

KWA/QCDL/TSR-R-No:6	Issue No:2	Issue Date 10/01/2023
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Report Date : 04.06.2024

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St.Elizabeth English Medium School,Ponganamkad,680028, Mob- 9961599609			2. Sampling done by : The Customer		
			3. UID No.of Sample: KWA/QCDL/TSR/S-004066/2024		
			4. Source of sample : Open Well		
			5. Sample condition : Good		
			6. Name of sample : Drinking water		
			7. Purpose of test : Commercial		
			8. Sample quantity : 2 litre		
			9. Test-performing dates		
			From : 01.06.2024 To :01.06.2024		
Sl. No.	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
1	Electrical Conductivity at 25°C	(micro mhos/cm)	IS 3025 (part 14) - 2013 (Reaffirmed. 2019)	-	141.0

Remarks:-

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Quality Manager,
Quality Control District Laboratory
Kerala Water Authority
Thriassur - 680 005

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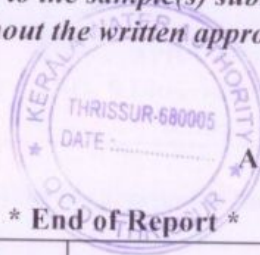
Report Date : 04.06.2024

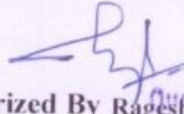
Customer Name & Address			1. Date of receipt : 30.05.2024	
St.Elizabeth English Medium School,Ponganamkad,680028, Mob- 9961599609			2. Sampling done by : The Customer	
			3. UID No.of Sample: KWA/QCDL/TSR/S-004066/2024	
			4. Source of sample : Open Well	
			5.Sample condition : Good	
			6.Name of sample : Water	
			7. Sample Quantity :100ml	
			8. Test Performing Dates From :30.05.2024 To : 01.06.2024	
Sl. No.	Parameters	Acceptable limits as per-IS 10500-2012	Test Method	Result
1	Total Coliforms	Shall not be detected / 100ml	IS 15185 : 2016 ISO 9308 - I : 2014	122
2	E. Coli	Shall not be detected/ 100ml	IS 15185 : 2016 ISO 9308 - I : 2015	23

Remarks:- coliforms and Ecoli bacteria detected.

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Kerala Water Authority
Thrissur - 680 005

*** End of Report ***

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