



**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/ 3542/2023

ULR No.: TC10415230000003268F

Report Date: 29.05.2023

Customer Name & Address			1. Date of Receipt : 26.05.2023		
<b>Devamatha CMI Public School,</b> <b>Thrissur,Patturaikkal,Thiruvambady.P.O</b> <b>,Mob:9447694975</b>			2. Sampling done by : The Customer		
			3.UID No.of Sample: KWA/QCDL/TSR/S-003542/2023		
			4. Source of Sample : Open Well		
			5.Sample condition : Good		
			6.Name of sample : Water		
			7. Sample Quantity :2 litre		
			8. Test Performing Dates		
			From : 29.05.2023 To : 29.05.2023		
Sl. No.	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
1	Colour	HU	IS 3025 (part 4) : 2021 Platinum cobalt visual comparison method	5	2.00
2	Odour		IS 3025 (part5-2018)		Agreeable
3	Turbidity	(NTU)	IS 3025 (part 10) - 1984 (Reaffirmed 2017) Nephelometric method	1	0.07
4	pH at 25°C		IS 3025 (part 11) - 2022 Electrometric method	6.5 to 8.5	6.58
5	Total Alkalinity (as CaCO <sub>3</sub> )	(mg/litre)	IS 3025 (part 23) - 1986 (Reaffirmed. 2019) Titration method	200	10.30
7	Sulphate (as SO <sub>4</sub> )	(mg/litre)	APHA 4500 ( SO <sub>4</sub> <sup>2-</sup> E) Turbidity method	200	BDL
6	Total Dissolved Solids (TDS)	(mg/litre)	IS 3025 (part 16) - 1984 (Reaffirmed. 2017) Gravimetric method	500	13.10
8	Total Hardness (as Ca CO <sub>3</sub> )	(mg/litre)	IS 3025 (part 21) - 2009 (Reaffirmed. 2019) EDTA titration method	200	6.06
9	Calcium (as Ca)	(mg/litre)	IS 3025 (part 40) - 1991 (Reaffirmed. 2019) EDTA titration method	75	1.62
10	Magnesium (as Mg)	(mg/litre)	APHA 3500-Mg.B Calculation method	30	0.98

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Sl. No.	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
11	Chloride (as Cl)	(mg/litre)	IS 3025 (part 32) - 1988 (Reaffirmed. 2019) Argentometric titration	250	1.93
12	Fluoride (as F)	(mg/litre)	APHA 4500 - F <sup>-</sup> D. Spadns method	1.0	0.71
13	Iron (as Fe)	(mg/litre)	IS 3025 (part 53) - 2003 (Reaffirmed. 2019) 1,10 Phenanthroline method	1.0	0.11
14	Nitrate (as NO <sub>3</sub> )	(mg/litre)	APHA 4500 - NO <sub>3</sub> B.Ultraviolet screening method	45	BDL

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.*

Reviewed by:

Authorized By Ragesh.M.K



\* End of Report \*

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

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1	Electrical Conductivity	(micro mhos/cm)	IS 3025 (part 14) - 2013 (Reaffirmed, 2019) Electrometric method	-	23.90
2	Acidity	(mg/litre)	IS 3025 (part 22) - 1986 (R. 2019) titration method	-	7.68
3	Residual Chlorine	(mg/litre)	IS 3025 (part 26) - 1986 (R. 2021) Idometric method	0.2	Nil
4	Ammonia (as total ammonia-N)	(mg/litre)	IS 3025 (part 34) - 1988 (R. 2003) Phenate method	0.5	Nil

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\* End of Report \*

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Quality Manager,  
Quality Control District Laboratory  
Kerala Water Authority  
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Test Report

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Report Date : 29.05.2023

Customer Name & Address			1. Date of Receipt : 26.05.2023	
Devamatha CMI Public School, Thrissur,Patturaikkal, Thiruvambady.P.O,Mob:9447694975			2. Sampling done by : The Customer	
			3.UID No.of Sample: KWA/QCDL/TSR/S-003542/2023	
			4. Source of Sample : Open Well	
			5.Sample condition : Good	
			6.Name of sample : Water	
			7. Sample Quantity : 100ml	
			8. Test Performing Dates	
			From :26.05.2023 To : 27.05.2023	
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	Nil
2	E. Coli	Shall not be detected/ 100ml	IS 15185 : 2016 ISO 9308 - I : 2014	Absent

Remarks:-

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