



SDL
2407

KERALA WATER AUTHORITY
QUALITY CONTROL SUB DISTRICT LABORATORY
KALMANDAPAM PALAKKAD

NABL Recognized Sub Divisional Government Drinking Water Testing Laboratory
Telephone No - 0491- 2914550, E-mail -qcsdlkwapkd@gmail.com

Test Report

Test Report. No.:KWA/QCSDL/PKD/0002407/2025

Report Date :27/06/2025

Customer Name & Address			1. Date of Receipt : 21/06/2025		
<div>Sanjo Central School</div> <div>Vellappara Palakkad- 678702</div>			2. Sampling done by : The Customer		
			3.UID No.of Sample: KWA/QCSDL/PKD/S-0002407/25		
			4. Source of Sample : Bore Well		
			5. Purpose of Test : Commercial		
			6. Sample condition : GOOD		
			7. Name of sample : Drinking Water		
			8. Sample Quantity : 2litre		
			9. Test Performing Dates		
			From : 23/06/2025 To : 23/06/2025		
Sl. No.	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
1	Colour	HU	IS 3025 (part 4) : 2022 Platinum Cobalt Visual Comparison Method	5	5
2	Odour		IS 3025 (part 5-2018)	AGREEABLE	AGREEABLE
3	Turbidity	(NTU)	IS 3025 (part 10) - 2023 Nephelometric method	1	0.27
4	pH at 25°C		IS 3025 (part 11) - 2022 Electrometric method	6.5 to 8.5	6.2
5	Total Alkalinity (as CaCO ₃)	(mg/litre)	IS 3025 (part 23) - 2023 Indicator method	200	17
6	Total Dissolved Solids (TDS)	(mg/litre)	IS 3025 (part 16) - 2023 Gravimetric method	500	27
7	Total Hardness (as Ca CO ₃)	(mg/litre)	IS 3025 (part 21) - 2009 (R. 2019) EDTA Titration method	200	39.0
8	Calcium (as Ca)	(mg/litre)	IS 3025 (part 40) - 1991 (R. 2019) EDTA Titration method	75	4.0
9	Magnesium (as Mg)	(mg/litre)	APHA 3500-Mg.B Calculation method	30	7
10	Chloride (as Cl)	(mg/litre)	IS 3025 (part 32) - 1988 (R. 2019) Argentometric titration	250	10

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.

RAJIR
Reviewed & Authorized By

* End of Report *

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TECHNICAL MANAGER
QUALITY CONTROL SUB DISTRICT LAB
KERALA WATER AUTHORITY

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Sl. No.	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result																				
1	Electrical Conductivity	(micro mhos/cm)	IS 3025 (part 22-2019)	-	33.9																				
2	Acidity	(mg/litre)	IS 3025 (part 22) - 1986 (R. 2019) Titration method	-	3																				
3	Sulphate (as SO ₄)	(mg/litre)	APHA 4500 (SO ₄ ²⁻ E) Turbidity method	200	5																				
4	Fluoride (as F)	(mg/litre)	APHA 4500 - F ⁻ D Spadns method	1.0	0.04																				
5	Iron (as Fe)	(mg/litre)	IS 3025 (part 53) - 2024 1,10 Phenanthroline method	1.0	0.03																				
6	Nitrate (as NO ₃)	(mg/litre)	APHA 4500 - NO ₃ ⁻ B. Ultraviolet screening method	45	0.01																				

Remarks:-

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* End of Report *


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			3. UID No. of Sample: KWA/QCSDL/PKD/S-0002407/25		
			4. Source of Sample : Bore Well		
			5. Purpose of Test : Commercial		
			6. Sample condition : GOOD		
			7. Name of sample : Drinking Water		
			8. Sample Quantity : 100ml		
			9. Test Performing Dates From : 23/06/2025 To : 24/06/2025		
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	Not Detected	
2	E. coli	Shall not be detected/ 100ml	IS 15185 : 2016 ISO 9308 - I : 2014	Not Detected	

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RINISHA.A
[Signature]
Reviewed & Authorized By

* End of Report *

BACTERIOLOGIST
QUALITY CONTROL SUB DISTRICT LAB
KERALA WATER AUTHORITY

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