



KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LABORATORY
KALMANDAPAM PALAKKAD
 Telephone No - 0491-2545550, E-mail - kwaqc.palakkad@yahoo.com

Test Report

Test Report No. : KWA/QCDL/PKD/083/2025

ULR No.: TC968826000000083F
 Report Date: 14-01-2026

Customer Name & Address St. Dominic's Cem School Sreekrishnapuram Palakkad- 678633		1. Date of receipt : 09-01-2026		
		2. Sampling done by : Customer		
		3. UID No.of Sample : KWA/QCDL/PKD/S-083/2025		
		4. Source of sample : Open Well (Direct)		
		5. Sample description : Clear Liquid		
		6. Type of sample : Drinking water		
		7. Purpose of test : Commercial		
		8. Sample quantity : 2 Litre		
		9. Test performing dates: From 12-01-2026 To 13-01-2026		
Sl. No	Characteristics	Test Method	Maximum Acceptable limit as per IS 10500 - 2012	Result
1	Colour, Hazen units	IS 3025 (part 4) : 2021 Platinum cobalt (visual comparison method)	5	2
2	Odour	IS 3025 (Part 5) : 2018	-	Agreeable
3	Turbidity, NTU	IS 3025 (part 10) : 2023 Nephelometric Method	1	0.1
4	pH at 25°C	IS 3025 (part 11) : 2022 Potentiometric Method	6.5 to 8.5	6.3
5	Electrical Conductivity at 25°C, micromhos/cm	IS 3025 (part 14) : 2013 (Reaffirmed 2023)	-	218
6	Total Alkalinity (as CaCO ₃), mg/l	IS 3025 (part 23) : 2023 Indicator Method	200	15
7	Sulphates (as SO ₄), mg/l	IS 3025(part 24/Sec 1) : 2022 Turbidity Method	200	9
8	Total Dissolved Solids at 180°C, mg/l	IS 3025 (part 16) : 2023 Gravimetric Method	500	119
9	Total Hardness (as CaCO ₃), mg/l	IS 3025 (part 21) : 2009 (Reaffirmed 2023) EDTA Method	200	50
10	Calcium (as Ca), mg/l	IS 3025 (part 40) : 2024 EDTA Titrimetric Method	75	19

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		2. Sampling done by : Customer		
		3. UID No. of Sample : KWA/QCDL/PKD/S-083/2025		
		4. Source of sample : Open Well (Direct)		
		5. Sample description : Clear Liquid		
		6. Type of sample : Drinking water		
		7. Purpose of test : Commercial		
		8. Sample quantity : 2 Litre		
		9. Test performing dates: From 12-01-2026 To 13-01-2026		
Sl. No.	Characteristic	Test Method	Maximum acceptable limit as per IS 10500 - 2012	Result
1	Acidity, mg/l	IS 3025 (Part 22) : 2024 Indicator Method	-	18

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

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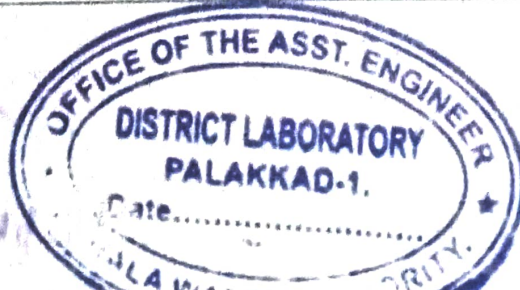
Analysed by
DY. QUALITY MANAGER
KERALA WATER AUTHORITY
QCDL PALAKKAD-678 001

Ansiya
ANSIYA M

Authorized by
DY. QUALITY MANAGER
KERALA WATER AUTHORITY
QCDL PALAKKAD-678 001

* End of Report *

KWA/QCDL/PKD-R.No:06	Issue No.: 03	Issue Date 01/03/2025
Amend No. 03	Amend Date: 01/01/2026	Page 1 of 1





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Report Date : 14-01-2026

Customer Name & Address St. Dominic's Cem School Sreekrishnapuram Palakkad- 678633	1. Date of receipt	: 09-01-2026
	2. Sampling done by	: Customer
	3. UID No.of Sample	: KWA/QCDL/PKD/S-083/2025
	4. Source of sample	: Open Well (Direct)
	5. Sample description	: Clear Liquid
	6. Type of sample	: Drinking water
	7. Purpose of test	: Commercial
	8. Sample quantity	: 100ml
	9. Test performing dates:	From 12-01-2026 To 13-01-2026

Sl. No	Parameters	Test Method	Acceptable limits as per IS 10500-2012	Result
1	Total Coliforms	IS 15185 : 2016 (Reaffirmed 2021)	Shall not be detected / 100ml	248
2	E.coli	IS 15185 : 2016 (Reaffirmed 2021)	Shall not be detected / 100ml	48

Remarks:-

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Analysed by

TECHNICAL MANAGER
KERALA WATER AUTHORITY
QCDL PALAKKAD-678 001

Authorised by
DY. QUALITY MANAGER
KERALA WATER AUTHORITY
QCDL PALAKKAD-678 001

* End of Report *

KWA/QCDL/PKD-R No.06	Issue No. 01	Issue Date : 01/03/2025
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Test Report No. :KWA/QCDL/PKD/ 083/2025

Report Date: 14-01-2026

Sl. No	Characteristics	Test Method	Maximum acceptable limit as per IS 10500-2012	Result
11	Magnesium (as Mg), mg/l	APHA 24th Edition 3500 -Mg B Calculation Method	30	1
12	Chloride (as Cl), mg/l	IS 3025 (part 32) : 2025 Argentometric Method	250	38
13	Fluoride (as F), mg/l	APHA 24th Edition 4500 - F ⁻ D. SPADNS Method	1	0.5
14	Nitrate (as NO ₃), mg/l	APHA 24th Edition 4500 - NO ₃ ⁻ B. Ultraviolet Spectrophotometric Screening Method	45	27
15	Iron (as Fe), mg/l	IS 3025 (Part 53) : 2024 1,10 Phenanthroline Method	1	0.04

Remarks:-

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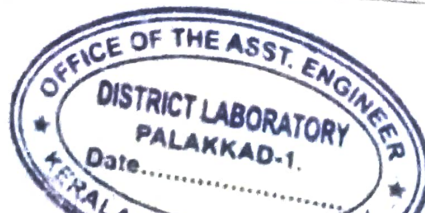


Ansya
ANSIYA M
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KERALA WATER AUTHORITY
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* End of Report *

KWA/QCDL/PKD-R No:06	Issue No:03	Issue Date: 01/03/2025
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MOTHIRAPEEDIKA FOOD PARK

H.S. ROAD, CHERPULASSERY, PALAKKAD - 679 503, KERALA

REF: Consent Number PCB/ PLKD/ICO/2/2/332/2018 Dated 31.12.2027

ANALYSIS REPORT

Name & Address of the Customer	ST. DOMINIC'S CEM SCHOOL SREEKRISHNAPURAM		
Date of Collection	22/1/2026	Sample Quantity	2L
Test Performing Date	From 22/1/2026 to 24/1/2026		
Source of Water	OPENWELL	Purpose of Testing	LICENSE
Description & condition of the Sample	Clear colorless liquid & received in good condition.		

Sl.No.	Parameter	Test Method	Unit	Acceptable Limit for drinking water (IS 10500:2012)	Test Result
1	Color	IS3025 PART 4	-	5	5
2	Odour	IS3025 PART 5	-	Agreeable	Agreeable
3	pH	IS3025 PART 11	-	6.5 - 8.5	6.48
4	Turbidity	IS3025 PART 10	NTU	5	0.3
5	Conductivity	IS3025 PART	μ S/cm	-	284
6	Total Dissolved Solids	IS3025 PART 16	ppm	500	142.5
7	Total Hardness (as CaCO_3)	IS3025 PART 21	mg/L	200	44
8	Calcium	IS3025 PART 40	mg/L	75	12.83
9	Magnesium	IS3025 PART 46	mg/L	30	2.91
10	Alkalinity (as CaCO_3)	IS3025 PART 23	mg/L	200	30
11	Chloride	IS3025 PART 32	mg/L	250	62.37
12	Iron	IS3025 PART 53	mg/L	1	BDL
13	Total Coliforms	IS 10500:2012	mg/L	Absent	Absent
14	E.Coli	IS 10500:2012	mg/L	Absent	Absent

Analysed by

CHEMIST

MICROBIOLOGIST

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