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KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LAB, ALUVA -683101
WATER TEST REPORT

ULR NO: TC121192600000631F

Report No: KWA/QCDL-ALY/S/631/5/26-27

Report Issue Date: 18.05.2026

Customer Name & Address CHAYARA DARSAN CMI PUBLIC SCHOOL, KOONAMMAVU 683518	Date of Receipt of Payment	29.04.2026
	Date of Sample received	11.05.2026
	Sample given by	MO FHC KOONAMMAVU
	Sample Code	ALY/S/631/5/26-27
	Sample Name	Drinking Water
	Sample Condition	Fit For Analysis
	Source of Sample	Well
	Sample Quantity	2 Litre
	Test performing dates : From :15.05.26 to 16.05.26	

Sl.No	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500-2012	Result
1	Fluoride (as F ⁻)	(mg/L)	IS 3025 (Part 60/Sec -1)-2023 Ion selective method	1	BDL(DL=0.2)
2	Acidity (as CaCO ₃)	(mg/L)	IS 3025 (Part 22) - 2024 Titration method	-	24.7
3	Electrical conductivity at 25 ^o C	(μS/cm)	IS 3025 (Part 14)- 2013 (Reaffirmed 2023) Electrometric method	-	372
4	Colour	Hazen Units	IS 3025 (Part 4)-2021 Platinum cobalt visual comparison method	5	1
5	Odour	Qualitative	IS 3025 (Part 5)-2018	Agreeable	Agreeable
6	Turbidity	(NTU)	IS 3025 (Part 10)-2023 Nephelometric method	1.0	3.91
7	pH at 25 ^o C	-	IS 3025 (Part 11)-2022, Electrometric method	6.5 to 8.5	7.64
8	Total Alkalinity (as CaCO ₃)	(mg/L)	IS 3025 (Part 23)-2023 Indicator method	200	135.8
9	Sulphate (as SO ₄)	(mg/L)	IS 3025 (part 24/Sec - 1)-2022, Turbidity method	200	14.63
10	Total Dissolved Solids, at 180 °C	(mg/L)	IS 3025 (Part 16)-2023 Gravimetric method	500	224
11	Total Hardness (as CaCO ₃)	(mg/L)	IS 3025 (Part 21)-2009(Reaffirmed 2023) EDTA titration method	200	168
12	Calcium (as Ca)	(mg/L)	IS 3025 (Part 40)-2024 EDTA titration method	75	61.3
13	Magnesium (as Mg)	(mg/L)	IS 3025 (Part 46)-2023 Calculation method	30	5.3
14	Chloride (as Cl ⁻)	(mg/L)	IS 3025 (Part 32)-1988(Reaffirmed 2019) Argentometric titration	250	18.1
15	Iron (as Fe)	(mg/L)	IS 3025 (Part 53) - 2024 1,10 phenanthroline method	1	0.35
16	Nitrate (as NO ₃)	(mg/L)	APHA 24th Edition -4500 - NO ₃ method B (UV Spectrophotometric Screening Method)	45	7.69

Remarks:- DL : Detectable Limit

BDL : Below Detectable Limit

NB:-1) The result stated above related only to the sample(s) submitted for testing by the customer .

2) The samples retain for 15 days from the end date of analysis

3) The test certificate shall not be reproduced except in full without the written approval of the Laboratory

Analyzed By

Reviewed By

Authorized By

End of Report

QUALITY CONTROL DISTRICT LAB
KWA, QUALITY CONTROL DISTRICT LAB
ALUVA -683101

KWA/QCDL/ALY/01-2020

Issue Date : 04.10.2020

Rev No: 06

Rev, Date : 15/07/2025

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	Sample Name	Drinking Water
	Sample Condition	Fit For Analysis
	Source of Sample	Well
	Sample Quantity	2 Litre
	Test performing dates :	From 15.05.26 to 16.05.26

Sl.No	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500- 2012	Result
1	Residual Chlorine	mg/L	IS 3025 (Part 26)-2024	0.2	BDL(DL=0.2)

Remarks:- DL : Detectable Limit

BDL : Below Detectable Limit

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