

COMMUNITY HEALTH CENTRE  
MUHAMMA, ALAPPUZHA(Dist.),KERALA STATE

Ref No. 539/2023

Date: 30.7.23

SANITATION CERTIFICATE

Certified that I have personally inspected the K.E.CARMEL CENTRAL SCHOOL,  
Muhamma P O, Alappuzha, Kerala and the Sanitation, Safe Drinking Water facilities on  
inspection are found satisfactory.

This certificate is issued to produce exclusively for their affiliation renewal.

PLACE: Muhamma.

DATE: 16/9/23.



Health Inspector  
Community Health Centre  
Muhamma.



QUALITY CONTROL DISTRICT LAB  
KERALA WATER AUTHORITY  
ALAPPUZHA



Telephone No. 0477-2990650

Email: aeqcdlalpy@gmail.com

ULR-TC1055723000000322F WATER ANALYSIS REPORT

Report No: 507/A/2023	Date: 15/09/2023
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Customer Name & Address The Principal KE Carmel Central School Muhamma Alappuzha	1.Date of Receipt	: 13/09/2023
	2.Sampling done by	: Customer
	3.Sample Code	: 2023/QCDL/ALPY A 2649
	4.Source of Sample	: Tap Water
	5.Sample Quantity	: 2 LTR
	6.Test performing dates	From: 13/09/2023 To: 15/09/2023

Sl. No	Characteristics	Unit	Desirable limits As per IS 10500:2012	Test Method	Result
1	Colour	Pt-Co Unit	5	APHA 2120 B	1
2	Odour	-	Agreeable	IS 3025(part 5)-2018	Agreeable
3	Taste	-	Not Objectionable	IS,3025 (Part 8)2017	Objectionable
4	Turbidity	(NTU)	1	IS 3025(part10)-1984 (Reaffirmed 2017)	0.27
5	pH at --25---°C	-	6.5-8.5	IS 3025(part 11)-1983 (Reaffirmed 2017)	7.98
6	Alkalinity	(mg/litre)	200	IS 3025(part 23)-1986 (Reaffirmed 2019)	6.3
7	Total Dissolved Solids (TDS)	(mg/litre)	500	IS 3025(part16)-1984 (Reaffirmed 2017)	3.773
8	Total Hardness (as CaCO <sub>3</sub> )	(mg/litre)	200	IS 3025(part21)-2009 (Reaffirmed 2019)	4
9	Calcium(as Ca)	(mg/litre)	75	IS 3025(part40)-1991 (Reaffirmed 2019)	0.80
10	Magnesium (as Mg)	(mg/litre)	30	APHA 3500 – Mg B	0.49
11	Chloride(as Cl)	(mg/litre)	250	IS 3025(part32)-1988 (Reaffirmed 2019)	3.93

Verified By:

Technical Manager  
Sruthy Thomas

Authorized by

Quality Manger  
Elizabeth John

Sanitary Chemist  
Quality Control District Lab  
Kerala Water Authority  
Alappuzha - 688001

NB: The result stated above related only to the sample(s) submitted for testing. The test Certificate shall not be produced except in full without the written approval of the Laboratory.

Sample will be retained only for 7 days after completion of analysis  
Sampling is not done by the Lab



End of Report



# QUALITY CONTROL DISTRICT LAB

## KERALA WATER AUTHORITY

ALAPPUZHA

Telephone No. 0477-2990650

Email: aeqcdlalpy@gmail.com

### WATER ANALYSIS REPORT

Report No: 507/A/2023	Date: 15/09/2023
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Customer Name & Address The Principal KE Carmel Central School Muhamma Alappuzha	1.Date of Receipt	: 13/09/2023
	2.Sampling done by	: Customer
	3.Sample Code	: 2023/QCDL/ALPY A 2649
	4.Source of Sample	: Tap Water
	5.Sample Quantity	: 2 LTR
	6.Test performing dates	From: 13/09/2023 To: 15/09/2023

Sl. No	Characteristics	Unit	Desirable limits As per IS 10500:2012	Test Method	Result
1	Electrical conductivity at ...25...°C	(micro mhos/cm)	-	IS 3025(part14)-2013 (Reaffirmed 2019)	6.02
2	Acidity	(mg/litre)	-	IS 3025(part22)-1986 (Reaffirmed 2019)	-
3	Sulphate (as SO <sub>4</sub> )	(mg/litre)	200	IS 3025(part24)-1986 (Reaffirmed 2019)	BDL
4	Fluoride (as F)	(mg/litre)	1	APHA 4500 - F D	BDL
5	Iron (as Fe)	(mg/litre)	1	IS 3025(part53)-2003 (Reaffirmed 2014)	0.86
6	Nitrate (as NO <sub>3</sub> )	(mg/litre)	45	APHA 4500 NO <sub>3</sub> B	4.06
7	Residual Chlorine	(mg/litre)	0.2	-	-

Verified By:

Technical Manager  
Sruthy Thomas

Authorized by

Chemist  
Quality Control District Lab  
Kerala Water Authority  
Alappuzha - 688001

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Sample will be retained only for 7 days after completion of analysis  
Sampling is not done by the Lab  
BDL-Below Detection Limit



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**QUALITY CONTROL DISTRICT LAB**  
**KERALA WATER AUTHORITY**  
**ALAPPUZHA**

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**WATER ANALYSIS REPORT**

Report No: 507/A/2023	Date: 15/09/2023
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Customer Name & Address The Principal KE Carmel Central School Muhamma Alappuzha	1.Date of Receipt	: 13/09/2023
	2.Sampling done by	: Customer
	3.Sample Code	: 2023/QCDL/ALPY A 2649
	4.Source of Sample	: Tap Water
	5.Sample Quantity	: 250ml
	6.Test performing dates From: 13/09/2023	To: 15/09/2023

**BACTERIOLOGICAL ANALYSIS**

No	Parameters	Acceptable limits as per – IS 10500 - 2012	Test Method	Result
1	Coliforms	Shall not be detected/100 ml	IS15185:2016	Present
2	E-coli	Shall not be detected/100 ml	IS15185:2016	Absent

**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.

**Test Method:**

Coliform - Membrane Filtration Method  
E- Coli - Membrane Filtration Method

  
Authorized by

