

PHC Cherthala South
Cherthala South P.O

No.

194/2022
2315/22

SANITARY CERTIFICATE

This is to Certify that Mr/Mrs... *Manages, Sree Sankara English*
House... *medium school, Duruppankulangara PO, Cherthala South*
Alappuzha District is running... *English medium school.*

at Building No. *VIII/584* Inspected by me on... *11/7/2022.*

The Sanitary arrangements made by him are satisfactory at the time of my inspection, hence the certificate is issued and any violation to the terms of Public health Act, which automatically invalid the certificate.

Cherthala South Grama Panchayath

Date: *11/8/2022*



[Signature]
HEALTH INSPECTOR
P.M. CENTRE
CHERTHALA SOUTH
11/8/2022



QUALITY CONTROL DISTRICT LAB
KERALA WATER AUTHORITY
ALAPPUZHA



TC-10557

Telephone No. 0477-2246650

Email : aeqcdlalpv@gmail.com

ULR-1055722000000040F

WATER ANALYSIS REPORT

Report No: 534/A/2022	Date: 02/06/2022
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Customer Name & Address Sreesankara English Medium School Kuruppankulangara P O Alappuzha.	1.Date of Receipt	: 27/05/2022
	2.Sampling done by	: Officer in Charge, PHC, Cherthala South
	3.Sample Code	: 2022/QCDL ALPY A 1295
	4.Source of Sample	: Bore Well
	5.Sample Quantity	: 2 Lr
	6.Test performing dates	From: 27/05/2022 To: 28/05/2022

Sl. No	Characteristics	Unit	Desirable limits As per IS 10500:2012	Test Method	Result
1	Colour	Pt-Co Unit	5	APHA 2120 B	-
2	Odour	-	-	IS 3025(part 5)-2018	-
3	Taste	-	-	IS3025 (Part 8)2017	-
4	Turbidity	(NTU)	1	IS 3025(part10)-1984 (Reaffirmed 2017)	-
5	pH at --25-- °C	-	6.5-8.5	IS 3025(part 11)-1983 (Reaffirmed 2017)	-
6	Alkalinity	(mg/litre)	200	IS 3025(part 23)-1986 (Reaffirmed 2019)	173.8
7	Total Dissolved Solids (TDS)	(mg/litre)	500	IS 3025(part16)-1984 (Reaffirmed 2017)	-
8	Total Hardness (as CaCO ₃)	(mg/litre)	200	IS 3025(part21)-2009 (Reaffirmed 2019)	154.0
9	Calcium(as Ca)	(mg/litre)	75	IS 3025(part40)-1991 (Reaffirmed 2019)	60.921
10	Magnesium (as Mg)	(mg/litre)	30	APHA 3500 - Mg B	0.486
11	Chloride(as Cl)	(mg/litre)	250	IS 3025(part32)-1988 (Reaffirmed 2019)	29.990

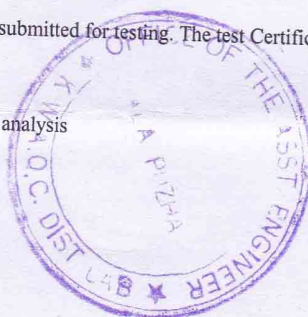
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Verified By :

Authorized by

Elyse

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



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



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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)	-
2	Acidity	(mg/litre)	-	IS 3025(part22)-1986 (Reaffirmed 2019)	20.0
3	Sulphate (as SO ₄)	(mg/litre)	200	-	BDL
4	Fluoride (as F)	(mg/litre)	1	-	BDL
5	Iron (as Fe)	(mg/litre)	1	-	BDL
6	Nitrate (as NO ₃)	(mg/litre)	45	-	BDL
7	Residual Chlorine	(mg/litre)	0.2	-	-

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BDL- Below Detection Limit



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End of Report

KWA/ALPY/A F4

Issue No. 01

Issue Date: 01.09.2021

Rev.No.00

Rev. Date: 00



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	2.Sampling done by	: Officer in Charge, PHC, Cherthala South
	3.Sample Code	: 2022/QCDL ALPY A 1294
	4.Source of Sample	: Tap Water
	5.Sample Quantity	: 2 Lr
	6.Test performing dates	From: 27/05/2022 To: 28/05/2022

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	-	-	IS 3025(part 5)-2018	Agreeable
3	Taste	-	-	IS3025 (Part 8)2017	Not Objectionable
4	Turbidity	(NTU)	1	IS 3025(part10)-1984 (Reaffirmed 2017)	<0.5
5	pH at -25-- °C	-	6.5-8.5	IS 3025(part 11)-1983 (Reaffirmed 2017)	9.775
6	Alkalinity	(mg/litre)	200	IS 3025(part 23)-1986 (Reaffirmed 2019)	11.0
7	Total Dissolved Solids (TDS)	(mg/litre)	500	IS 3025(part16)-1984 (Reaffirmed 2017)	10.97
8	Total Hardness (as CaCO ₃)	(mg/litre)	200	IS 3025(part21)-2009 (Reaffirmed 2019)	6.0
9	Calcium(as Ca)	(mg/litre)	75	IS 3025(part40)-1991 (Reaffirmed 2019)	1.603
10	Magnesium (as Mg)	(mg/litre)	30	APHA 3500 - Mg B	0.486
11	Chloride(as Cl)	(mg/litre)	250	IS 3025(part32)-1988 (Reaffirmed 2019)	5.998

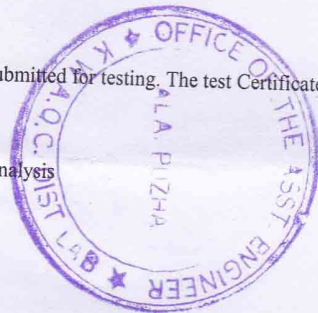
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	4.Source of Sample	: Tap Water
	5.Sample Quantity	: 2 Lr
	6.Test performing dates	From: 27/05/2022 To: 28/05/2022

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)	18.30
2	Acidity	(mg/litre)	-	IS 3025(part22)-1986 (Reaffirmed 2019)	BDL
3	Sulphate (as SO ₄)	(mg/litre)	200	-	BDL
4	Fluoride (as F)	(mg/litre)	1	-	BDL
5	Iron (as Fe)	(mg/litre)	1	-	BDL
6	Nitrate (as NO ₃)	(mg/litre)	45	-	BDL
7	Residual Chlorine	(mg/litre)	0.2	-	-

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Verified By :

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	2.Sampling done by	: Officer in Charge, PHC, Cherthala South
	3.Sample Code	: 2022/QCDL ALPY A 1294
	4.Source of Sample	: Tap Water
	5.Sample Quantity	: 250ml
	6.Test performing dates	From: 27/05/2022 To: 30/05/2022

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	Present

Remarks:-

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Test Method :
Coliform – Membrane Filtration Method
E- coli - Membrane Filtration Method



Authorized by

End of the report

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