

KERALA WATER AUTHORITY

No. QC DL/ALPY/15/98 Vol.XII

Office of the Asst. Engineer,
Quality Control Dist. Lab,
Kerala Water Authority,
Alappuzha.
Dated: 16.04.2021.

From

The Asst. Engineer

To

Matha Senior Secondary School,
Thumpoly,
Alappuzha

Sir,

Sub: - Water analysis report of Private sample.

Ref: - Letter from Matha Senior Secondary School, Thumpoly,
Alappuzha

I am forwarding herewith the water analysis report (Physical, Chemical Coliform and E-coli) of sample supplied by Matha Senior Secondary School, Thumpoly, Alappuzha on 08.04.2021.

Yours faithfully,

[Signature]
ASSISTANT ENGINEER.

Acc: - 1. Analysis report - 1No.

[Signature]
PRINCIPAL
MATHA SENIOR SECONDARY SCHOOL
THUMPOLY, ALAPPUZHA
PIN-688 007



[Signature]
MANAGER
MATHA SENIOR SECONDARY SCHOOL
THUMPOLY, ALAPPUZHA
PIN-688 007



KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LABORATORY
ALAPPUZHA

Report on Analysis of WATER

Test Report No : 8/21-22

Date : 16/04/2021

Name : Matha Senior Secondary School

Address : Thumpoly, Alappuzha

Date of Receipt : 08/04/2021

Date of Testing : 08/04/2021

SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Permissible limits	Actual Contents
					Sampling Points
					1
1	Turbidity	NTU	1	5	0.1
2	pH		6.5-8.5	No relaxation	6.54
3	Electrical Conductivity	µs/cm			18.56
4	Acidity	mg/litre			10.0
5	Alkalinity	mg/litre	200	600	12.0
6	Sulphate (as SO ₄)	mg/litre	200	400	BDL
7	Total Dissolved Solids(TDS)	mg/litre	500	2000	10.28
8	Total Hardness as (CaCO ₃)	mg/litre	200	600	8.0
9	Calcium (Ca)	mg/litre	75	200	BDL
10	Magnesium (Mg)	mg/litre	30	100	1.944
11	Chloride as (Cl)	mg/litre	250	1000	14.0
12	Fluoride as (F)	mg/litre	1	1.5	BDL
13	Iron (as Fe)	mg/litre	1.0	1.0	BDL
14	Nitrate (as NO ₃)	mg/litre	45	No relaxation	BDL
15	Residual Chlorine (Rc)	mg/litre	0.2	1	-

Sampling Points

- 1 Sample supplied by Matha Senior Secondary School

Remarks:

Signature of Chemist

BACTERIOLOGICAL ANALYSIS

SI No.	Source	CFU of coliforms in 100ml	CFU of E.Coli
1	Sample supplied by Matha Senior Secondary School	ABSENT	ABSENT

Remarks:

Signature of Bacteriologist



Signature of Asst. Engineer

Signature of Manager
MANAGER
MATHA SENIOR SECONDARY SCHOOL
THUMPOLY, ALAPPUZHA
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THUMPOLY, ALAPPUZHA
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PERFORMA REGARDING SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

It is certified that Sujatha, Health Inspector, PHC Arayad inspected the Matha Senior Secondary School, Thumpoly, Alappuzha on 30/03/2021 and found that the Matha Senior Secondary School has safe drinking water facilities for the students and members of staff of the institution and is maintaining the hygienic sanitation conditions in the school building and the campus as per the norms prescribed by the central/state UT Government.

The above valid for a period of one year


Name :

P. K. SUJATHA
HEALTH INSPECTOR

Designation :

PHC Arayad

Arayad
30/3/2021


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