

Water Analysis Report

AR No: AR/PL/1331/2021

Date: 01/01/2021

MES Fathima Rahim Central School
Kannoth PO
Venchery
Kaithapoyil

Source of Sample : Open well

Sample container : 2L Can

Type of Test : Chemical ✓

Microbiological ✓

Date & Time of sample collection: 29/12/2020,

02.00pm

Domestic

Establishment ✓

Sample collected by: HI, FHC Kodanchery

Sample delivered by: Muhammed

Date & Time of delivery: 29/12/2020, 03.00pm

Sample received by: Joyal Jacob

Sample condition : Normal

Period of Analysis : 4 days

Sl No	Parameter	Unit	Test method APHA	Results	Acceptable limit as per IS 10500
Physical Examination					
1	Colour	Hazen	2120 B	1	5
2	Electrical conductivity	µS/cm	2510 B	69	-
3	Turbidity	NTU	2130 B	0.3	1
4	Total Dissolved solids	mg/L	2540 C	37.95	500
Chemical Examination					
5	pH	-	4500 H ⁺ B	4.7	6.5-8.5
6	Total Alkalinity	mg/L	2320 B	8	200
7	Total Hardness as CaCO ₃	mg/L	2340 C	12	200
8	Calcium Hardness as CaCO ₃	mg/L	3500 Ca B	8	-
9	Magnesium Hardness as CaCO ₃	mg/L	3500 Mg B	4	-
10	Calcium	mg/L	3500 Ca B	3.2064	75
11	Magnesium	mg/L	3500 Mg B	0.972	30
12	Chloride	mg/L	4500 Cl ⁻ B	16	250
13	Sulphate	mg/L	4500 SO ₄ E	0.17	200
14	Iron	mg/L	3500 Fe B	0.06	0.3
15	Ammonia as NH ₃	mg/L	4500NH ₃ F	BDL	0.5
16	Nitrate as NO ₃	mg/L	4500NO ₃ E	1.95	45
Bacteriology					
17	Total Coliform	cfu/100ml	9222 B	9	Nil/100ml
18	Fecal Coliform	cfu/100ml	9222 D	Nil	Nil/100ml
19	<i>E.coli</i>	cfu/100ml	9222 I	Absent	Absent

BDL- Below Detectable Limit: The lowest detectable limit of Ammonia is 0.05mg/L.

Remarks:

pH of the water sample is lower than the acceptable limit. Total Coliform is present in the water sample. All other tested water quality parameters are found to be within the acceptable limit as per IS 10500 drinking water specification.



[Signature]
 Authorized Signatory

COMMUNITY HEALTH CENTRE, KODANCHERY

SANITARY CERTIFICATE

No. 185/2020-21

Certified that I have inspected the building and premises of the MES Fatima Rahim Central School, Vengery bearing no. 21/289-A of Kodanchery Panchayat for 04/01/20. The building is well arranged with the sanitary arrangements and is now provisionally suitable for running the institution.

This certificate is issued on the basis of the report submitted by Secretary, MES Fatima Rahim Central School, Vengery. If the conditions laid down in the Madras Public Health Act, 1937 and any violation of the provisions of the Act, will automatically invalidate the certificate.

This certificate is issued for obtaining the license for the purpose of opening a school in Kodanchery Grama Panchayat for the year 2020-21.

Kodanchery
01/20




HEALTH INSPECTOR
CHC KODANCHERY
673 580