



KSCSTE-CWRDM

KSCSTE - CENTRE FOR WATER RESOURCES DEVELOPMENT AND MANAGEMENT

ജലവിഭവ വികസന വിനിയോഗ കേന്ദ്രം



An Institution of Kerala State Council for Science, Technology & Environment, Govt. of Kerala
കേരള ശാസ്ത്ര സാങ്കേതിക പരിസ്ഥിതി കൗൺസിൽ സ്ഥാപനം, കേരള സർക്കാർ



TC-8713

CWRDM WATER QUALITY DIVISION-TESTING LABORATORY

TEST REPORT

No: CWRDM/WQD/WA/2022

Customer Name and Address: Principal Markaz English Medium School Kunnamangalam	Date of Issue	:22-08-2022
	Date of receipt of sample	:06-08-2022
	SRF No / PRF No.	:5074
	Test Report No	:5274
	Analysis Started	:06-08-2022
	Analysis Completed	:16-08-2022
Information Provided by Customer: Sample Description Sample Drawn by	Water Sample (1L, Open Well) HI PHC Kunnamangalam	

TEST RESULTS-CHEMICAL ANALYSIS

Sl. No.	Parameters	Test Method	Result	Limit of Quantification (LOQ)	Acceptable limit as per IS 10500:2012
1	pH at 25°C	APHA, 2017 (Part 4500 H+)	5.41	1.0	6.50-8.50
2	Colour, Hazen	APHA, 2017 (Part 2120)	BDL	1.0	5.0
3	Turbidity, NTU	APHA, 2017(Part 2130)	0.80	0.20	1.0
4	Total Dissolved Solids, mg/l	APHA, 2017 (Part 2540)	58.0	10.0	500.0
5	Total Hardness as CaCO ₃ , mg/l	APHA, 2017 (Part 2340)	12.0	2.0	200.0
6	Total Alkalinity as CaCO ₃ , mg/l	APHA, 2017 (Part 2320)	8.16	2.0	200.0
7	Chloride as Cl ⁻ , mg/l	APHA, 2017(Part 4500 Cl ⁻)	15.54	4.0	250.0
8	Sulphate as SO ₄ ²⁻ , mg/l	APHA, 2017 (Part 4500 SO ₄ ²⁻)	3.0	1.0	200.0
9	Calcium as Ca, mg/l	APHA, 2017 (Part 3500 Ca)	3.20	1.0	75.0
10	Magnesium as Mg, mg/l	APHA, 2017 (Part 3500 Mg)	1.0	1.0	30.0
11	Iron as Fe, mg/l	APHA, 2017 (Part 3500 Fe)	BDL	0.20	1.0

BDL-Below Detection Level

For CWRDM, Water Quality Division – Testing Laboratory

Tested by

Authorised Signatory

Head
Water Quality Division
CWRDM

WATER QUALITY DIVISION
CENTRE FOR WATER RESOURCES DEVELOPMENT AND MANAGEMENT
KOZHIKODE-673571

TEST RESULTS- BACTERIOLOGICAL ANALYSIS

Sl. No.	Parameters	Test Method	Result	Acceptable limit as per IS 10500:2012
1	Total Coliforms ,CFU/100ml	APHA, 2017(Part 9222 B)	Absent	Shall not be detectable in any 100ml sample
2	<i>E.coli</i> , CFU/100ml	APHA, 2017(Part 9222 D)	Absent	Shall not be detectable in any 100ml sample

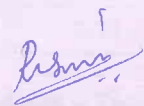
Note:-

pH of the water sample is found to be less than the acceptable limit as per IS 10500:2012, Drinking Water Specification. All other tested water quality parameters are found to be within the acceptable limit as per IS 10500:2012, Drinking Water Specification.

*****End of the Report*****

For CWRDM, Water Quality Division – Testing Laboratory


Tested by


Authorised Signatory
Head
Water Quality Division
CWRDM

Note: This test report refers only to the particular item(s) submitted for testing. The test results reported in this report are valid at the time of and under the stated condition of measurement. This particular test report cannot be reproduced except in full, without prior permission of Head – Water Quality Division of the laboratory. Any discrepancies may be brought to the laboratory within 30 days of the issue of the report.

SANITARY CERTIFICATE

PH NO. 325-2022-23

As per the Government Notification No: 1054/43/79/HD, dated 27th June 1979, I, RANJITH M

Health inspector of family Health Centre, Kunnamangalam and Health Officer of Kunnamangalam Grama Panchayath do hereby certify that Ward No. 21, Building No. 81A in Kunnamangalam Grama Panchayath proposed for the MARKAZ ENGLISH MEDIUM

SENIOR SECONDARY SCHOOL KARANTHOOR owned by MANAGER, MARKAZ ENGLISH MEDIUM SCHOOL

has inspected by me and the sanitary arrangements done at present are satisfactory. Hence **SANITARY FITNESS CERTIFICATE** issued to run the above thing subject to the condition laid down in the order, any violation of any one of the condition will automatically invalid the certificate. I recommend to issue the running license for the purpose of

MARKAZ ENGLISH MEDIUM SENIOR SECONDARY SCHOOL

For the financial year of 2022-23

This Certificate is issued only for the above purpose under the ownership of MANAGER, MARKAZ ENGLISH MEDIUM SCHOOL and personal for during an inspection for the undersigned on 14/9/22

Place : Kunnamangalam

Date : 17.9.22



[Signature]
Health Inspector

Family Health Centre

HEALTH INSPECTOR
PRIMARY HEALTH CENTRE
KUNNAMANGALAM