



KSCSTE-CWRDM

KSCSTE - CENTRE FOR WATER RESOURCES DEVELOPMENT AND MANAGEMENT

ജലവിഭവ വികസന വിനിയോഗ കേന്ദ്രം

(An ISO 9001 : 2015 Certified Organization)

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



CWRDM WATER QUALITY DIVISION-TESTING LABORATORY

TEST REPORT

No: CWRDM/WQD/WA/2024/10147 (1)

Customer Name and Address: Sadhbhavana World School Velliparamba Calicut	Date of Issue :23-08-2024 Date of receipt of sample :25-07-2024 SRF No :9947 (1) Test Report No :10147 (1) Analysis Started :25-07-2024 Analysis Completed :16-08-2024
Information Provided by Customer: Sample Description Sample Drawn by	Water Sample (1L, Sample 1-Borewell) Party

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, 2023 (Part 4500 H+ B)	8.81	1.0	6.50-8.50
2	Colour, Hazen	APHA, 2023 (Part 2120 B)	BDL	1.0	5.0
3	Turbidity, NTU	APHA, 2023(Part 2130 B)	0.30	0.20	1.0
4	Total Dissolved Solids, mg/l	APHA, 2023 (Part 2540 C)	238.0	10.0	500.0
5	Total Hardness as CaCO ₃ , mg/l	APHA, 2023 (Part 2340 C)	140.0	2.0	200.0
6	Total Alkalinity as CaCO ₃ , mg/l	APHA, 2023 (Part 2320 B)	158.0	2.0	200.0
7	Chloride as Cl ⁻ , mg/l	APHA, 2023(Part 4500 Cl ⁻ B)	8.0	4.0	250.0
8	Sulphate as SO ₄ ²⁻ , mg/l	APHA, 2023 (Part 4500 SO ₄ ²⁻ E)	4.0	1.0	200.0
9	Calcium as Ca, mg/l	APHA, 2023 (Part 3500 Ca B)	43.20	1.0	75.0
10	Magnesium as Mg, mg/l	APHA, 2023 (Part 3500 Mg B)	7.80	1.0	30.0
11	Iron as Fe, mg/l	APHA, 2023 (Part 3500 Fe B)	BDL	0.20	1.0

BDL-Below Detection Level

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

For CWRDM, Water Quality Division - Testing Laboratory

Tested by

Authorised Signatory

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 date of the report.

Kannanangalam Kozhikode 671571 Kerala, India ഞാൻ അറിയുന്നവർക്ക് 671571 കോഴിക്കോട് കേരളം

E-mail: edo@cwrdm.org, registration@cwrdm.org, Website: www.cwrdm.org

Phone: (91) 495 235 1500, 235 1800 Fax: (91) 495 235 1800, 235 1801

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, 2023(Part 9222 B)	Absent	Shall not be detectable in any 100ml sample
2	<i>E.coli</i> , CFU/100ml	APHA, 2023(Part 9222 G)	Absent	Shall not be detectable in any 100ml sample

Note:-

pH of the water sample is found to be greater 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.

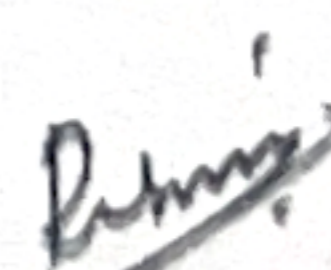
*****End of the Report*****

For CWRDM, Water Quality Division – Testing Laboratory

Tested by



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10/10/2024

SANITARY CERTIFICATE

I Amitha.K, Health Inspector, Peruvayal Grama Panchayath inspected the Sadhbhavana World School, Velliparamba and it's premises on 10/10/2024 and certify that adequate ventilation, urinal and latrine facilities are provided in the school. Also certify that, safe drinking water is available and other sanitary arrangements are found satisfactory.

This certificate is issued for submitting for CBSE affiliation.



Amitha.K
10/10/24
Amitha.K

Health Inspector
Peruvayal Gramapanchayath