

43/2025

APPENDIX - XIII

SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. 2 / 2025

Date: 27/01/2025

It is certified that an inspection team headed by Health inspector from Community health center, Cheruvadi inspected Apex Public School, Eranhimavu on 24/01/2025 and found that Apex Public School, Eranhimavu has safe drinking water facilities for the students and members of staff of the institution and is maintaining the hygienic sanitation condition in the school building & the campus as per norms prescribed by the Central/ State/ U.T. Govt.

The above is valid for a period of 31/01/2026

Signature : *Jayasree.k*

Name : Jayasree.k.

Designation & Seal : Health inspector

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സാമൂഹിക ആരോഗ്യ കേന്ദ്രം  
ചെറുവാടി  
പിൻ: 673 661

To  
Apex Public School  
Eranhimavu, Pannicode P O,  
Mukkam Via, Kozhikode Dt.  
PIN: 673 602



*Ground W-1 2025*

## Water Analysis Report

AR No: AR/PL/6872/2024

Date: 15/01/2025

**Apex Public School  
Eranjimav  
Kodiathur**

Date & Time of sample collection: 10/01/2025,  
02.00 pm

Domestic      ✓ Establishment

Sample collected by: HI, CHC Cheruvady

Sample delivered by : Abid

Date & Time of delivery: 10/01/2025, 03.00 pm

Source of Sample : Open well

Sample received by : Krishnapriya

Sample container : 1L Bottle

Sample condition : Normal

Type of Test : Chemical ✓      Microbiological ✓

Period of Analysis : 5 days

Sl No	Parameter	Unit	Test method APHA	Results	Acceptable limit as per IS 10500
<b>Physical Examination</b>					
1	Colour	Hazen	2120 B	1	5
2	Electrical conductivity	µS/cm	2510 B	176	-
3	Turbidity	NTU	2130 B	0.5	1
4	Total Dissolved solids	mg/L	2540 C	100	500
<b>Chemical Examination</b>					
5	pH	-	4500 H+B	5.6	6.5-8.5
6	Total Alkalinity	mg/L	2320 B	26.46	200
7	Total Hardness as CaCO <sub>3</sub>	mg/L	2340 C	55.72	200
8	Calcium Hardness as CaCO <sub>3</sub>	mg/L	3500 Ca B	35.82	-
9	Magnesium Hardness as CaCO <sub>3</sub>	mg/L	3500 Mg B	19.9	-
10	Calcium	mg/L	3500 Ca B	14.36	75
11	Magnesium	mg/L	3500 Mg B	4.84	30
12	Chloride	mg/L	4500 Cl <sup>-</sup> B	31.79	250
13	Sulphate	mg/L	4500 SO <sub>4</sub> E	8.1	200
14	Iron	mg/L	3500 Fe B	BDL	1
15	Ammonia as NH <sub>3</sub>	mg/L	4500NH <sub>3</sub> F	BDL	0.5
16	Nitrate as NO <sub>3</sub>	mg/L	4500NO <sub>3</sub> E	BDL	45
<b>Bacteriology</b>					
17	Total Coliform	cfu/100ml	9222 B	117	Nil/100ml
18	Fecal Coliform	cfu/100ml	9222 D	26	Nil/100ml
19	E. coli	cfu/100ml	9222 I	Present	Absent

BDL-Below detectable limit: Below detectable limit of Iron and Ammonia are 0.05mg/L, Nitrate is 0.01mg/L.

**Remarks**

pH of the water sample is lower than the acceptable limit. Total Coliform, Fecal Coliform and E.coli are 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.



*Julian*  
Authorized signatory

Note: The above results are related to only the particular sample(s) submitted for testing. The report is of the sample tested and shall not be reproduced except in full

*Well playground road*