

ENVIRONMENT LABORATORY

465 Approved by: Kerala State Pollution Control Board
 Approval No.: PCB/CL/RL/34/2021

No. IRTC/311/ENVL/ WS468/23

WATER QUALITY ANALYSIS REPORT

Name and Address of the Client	Location/Sample Code	Date of receipt	Source of sample
Principal Swathy Central School Vaniyamkulam	Not Given	18/04/2023	Open Well
		Sample No	Date of report
		WS468	24/04/2023

Sl. No	Parameter	Unit	Test Result	Acceptable Limit For Drinking Water as per IS 10500:2012
1	pH @ 25°C	-	6.5	6.5-8.5
2	Colour	Hazen	-	-
3	EC @ 25°C	µs/cm	62	-
4	TDS	ppm	33	500
5	Turbidity	NTU	0.1	05
6	Alkalinity as mg CaCO ₃ /L	mg/L	20	200
7	Chloride	mg/L	5.7	250
8	Total Hardness as mg CaCO ₃ /L	mg/L	14	200
9	Calcium	mg/L	3	75
10	Magnesium	mg/L	1.5	30
11	Fluoride	mg/L	0.08	1.0
12	Total Iron	mg/L	0.04	0.3
13	Sulphate	mg/L	<1	150
14	Nitrate	mg/L	0.4	45
15	Total Coliform	MPN/100 ml	Absent	Absent
16	E.coli	-	Absent	Absent

Tested in accordance with : APHA, AWWA, WEF 2017

- EC - Electrical Conductivity; TDS - Total Dissolved Solids; NTU - Nephelometric turbidity unit; MPN - Most Probable Number; µs - Micro siemens; BIS - Bureau of Indian Standards; mg/L - milligram per litre
- Coliform & E.coli should not be present in 100 ml of sample as per BIS standard.

Disclaimer: The sample was taken and brought to the lab by the person with name and address mentioned above and not by IRTC.



[Signature]
Ankitha Saji
 Chemist

[Signature]
Sivadas.A.N
 Head Of Laboratory

[Signature]
 Administrative Officer
 Integrated Rural Technology Centre
 Mundur, Palakkad

[Signature]

SHAJI K THAYIL
 PRINCIPAL
 SWATHY CENTRAL SCHOOL
 VANIYAMKULAM, OTTAPALAM



[Signature]
 Administrator
 Swathy Central School
 Vaniyamkulam-679 521

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No.

Dated: 27/4/23

It is certified that an inspection team headed by Susi.K Health Inspector(Name of Officers with designation) from F.H.C Vaniyamkulam(Name of Department/ Office) inspected the Health department(Name & Address of the school) on 27/4/23 (date of inspection) and found that the Swathy Central School (Name of school) 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 31/3/2024Signature with Seal: Susi.KName : Susi.KDesignation : Health InspectorName & Address of the Office / Department F.H.C Vkm

To

SWATHY CENTRAL SCHOOL
VANIYAMKULAM

(Name & Address of the Institution)

HEALTH INSPECTOR
PRIMARY HEALTH CENTRE
VANIYAMKULAM

* The filled up certificate should be either in Hindi or English. If it is issued in vernacular language, translated notarized version in English be uploaded along with the original vernacular certificate as a single pdf.



[Signature]
Administrator
Swathy Central School
Vaniyamkulam-679 522

[Signature]
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PRINCIPAL
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VANIYAMKULAM, OTTAPALAM