

**ENVIRONMENT LABORATORY**  
 465 Approved by: Kerala State Pollution Control Board  
 Approval No.: PCB/CL/RL/34/2023

No. IRTC/311/ENVL/ WS240986/24

**WATER QUALITY ANALYSIS REPORT**

| Name and Address of the Client                                         | Location/Sample Code | Date of receipt | Source of sample |
|------------------------------------------------------------------------|----------------------|-----------------|------------------|
| Administrator<br>Valluvanad English Medium School<br>Mundakottukurussi | Not Given            | 04/09/2024      | Open Well        |
|                                                                        |                      | Sample No       | Date of report   |
|                                                                        |                      | WS240986        | 11/09/2024       |

| Sl. No | Parameter                                  | Unit       | Test Result | Acceptable Limit For Drinking Water as per IS 10500:2012 |
|--------|--------------------------------------------|------------|-------------|----------------------------------------------------------|
| 01     | pH @ 25°C                                  | -          | 7.2         | 6.5-8.5                                                  |
| 02     | EC @ 25°C                                  | µs/cm      | 81          | -                                                        |
| 03     | TDS                                        | ppm        | 43          | 500 (max)                                                |
| 04     | Turbidity                                  | NTU        | 0.1         | 05 (max)                                                 |
| 05     | Alkalinity as mg CaCO <sub>3</sub> / L     | mg/L       | 35          | 200 (max)                                                |
| 06     | Chloride                                   | mg/L       | 0           | 250 (max)                                                |
| 07     | Total Hardness as mg CaCO <sub>3</sub> / L | mg/L       | 32          | 200 (max)                                                |
| 08     | Calcium                                    | mg/L       | 0           | 75 (max)                                                 |
| 09     | Magnesium                                  | mg/L       | 7.8         | 30 (max)                                                 |
| 10     | Fluoride                                   | mg/L       | 0.01        | 1.0 (max)                                                |
| 11     | Total Iron                                 | mg/L       | 0.01        | 0.3 (max)                                                |
| 12     | Sulphate                                   | mg/L       | <1          | 150 (max)                                                |
| 13     | Nitrate                                    | mg/L       | 1           | 45 (max)                                                 |
| 14     | Total Coliform                             | MPN/100 ml | 30          | Absent /100ml                                            |
| 15     | E.coli                                     | -          | Absent      | Absent/100ml                                             |

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.

*Anjali*  
 Anjali O S  
 Chemist

*Abhisha*  
 Abhisha N C  
 Microbiologist



*Sivadas A N*  
 Sivadas A N  
 Head of Laboratory

*Rachh*  
**Manager**  
 Valluvanad English Medium School  
 Mundakkottukurussi  
 Shoranur- 2, Pin- 679122



*Principal*  
**Principal**  
 Valluvanad English Medium School  
 Mundakkottukurussi  
 Shoranur- 2, Pin- 679122

5/2024

SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No.

Dated: 27/05/2024

It is certified that an inspection team headed by Suresh.k

Health Inspector, PHC Chalavara

(Name of Officers with designation) from PHC Chalavara PHED

inspected the Valluvanad English medium School

(Name & Address of the school) on 27/05/2024 (date of inspection) and on the basis of

Water Test Report (Attached) bearing no. AR/MH/7369/2024 dated 24/05/2024

of Modern Water quality Lab (PHED Lab) certified that the Valluvanad English

medium School (Name of school) has safe drinking water facilities

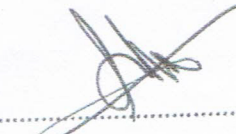
For the students and members of staff of the institution. School is also maintains the

hygienic sanitation condition in the school building & the campus as per norms prescribed

by the Central/ State/ U.T. Govt.

This certificate is valid till 27/05/2025



Signature with Seal: 

Name: SURESH.K

Designation: HEALTH INSPECTOR  
COMMUNITY HEALTH CENTRE

Name & Address of the Office / Department: CHALAVARA  
PALAKKAD DISTRICT

To

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**Manager**  
**Valluvanad English Medium School**  
**Mundakkottukurussi**  
**Shoranur-2, Pin- 679122**





**Principal**  
**Valluvanad English Medium School**  
**Mundakkottukurussi**  
**Shoranur-2, Pin- 679122**