

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. 118

Dated: 12.06.2025

It is certified that an inspection team headed by K.K. Saha 'CHEMIST'
 (Name of Officers with designation) from Public Health Engineering Deptt.
 (Name of Department/ Office) inspected the D.A.V. Mulchymantri Public School,
 (Name & Address of the school) on 02/06/2025 (date of inspection) and found that
 the D.A.V. Mulchymantri Public 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 one year. (2.06.2026)

Signature with Seal:

Name

Designation

K.K. Saha
CHEMIST
 Water Testing Laboratory
 P.H.E. Sub Division
 Ambikapur Saha
CHEMIST

Name & Address of the Office / Department :

Public Health, Engg. Department
Ambikapur Distt. Surguja (C.G.)

To

D.A.V. Mulchymantri
Public School - Karaniki
Ambikapur Distt. Surguja (C.G.)
 (Name & Address of the Institution)

* 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.

District Water Testing Laboratory
Public Health Engineering Department, Division Ambikapur
Near Marine Drive Talab, Ambikapur, Distt. Surguja (C.G.)
Email:-eeamb-phe-cg@nic.in

Test Report (Drinking Water)

| | | | | |
|---|-------------------------------|------------------------|----------------------------|--|
| Report No. :- 221 | Discipline:- Chemical Testing | Group:- Drinking Water | TC - Lab ID : T- 11304 | Temperature:- 28.3°C Humidity:- 60% |
| Senders Name & Address :- DAV Mukhyamantri Public School Karanki Lundra, Surguja(C.G.) | Senders Letter No./Date | 21/27/08/2025 | Sampled by | School Staff |
| | Sample Collection Date | 28/05/2025 | Sampling Plan & Procedure | Note done by lab staff |
| | DL Receipt No. | 05/2025-221 | DL Receipt Date | 28/05/2025 |
| | Date of Analysis Started | 28/05/2025 | Date of Analysis Completed | 02/06/2025 |

Sample Details

| S.N. | Sample I.D. | District / Block | City / Village | Habitation | Location/Source ID/GPS Identification |
|------|------------------|------------------|----------------|------------|---|
| 1. | DL/PHED/AMB-0527 | Surguja/Lundra | लुण्डा | करांकी | DAV Mukhyamantri Public School- Karanki |
| 2. | | | | | |
| 3. | | | | | |
| 4. | | | | | |
| 5. | | | | | |

Details of parameters their Test method units and specification as per IS/APHA

| S. N. | Parameters | Test method IS:3025/APHA 23rd ed. | Unit | As per IS-10500-2012 Drinking Water | | Result of S.No. | | | | |
|-------|--------------------------------------|--|----------|--|-----------------------|-----------------|----|----|----|----|
| | | Method | | Acceptabl e Limit | Permissibl e Limit | 01 | 02 | 03 | 04 | 05 |
| (1) | (2) | (3) | (4) | (5) | (6) | - | - | - | - | - |
| 1 | Turbidity | APHA23rd edition-2130-Turbidity Method B | NTU | 1 | 5 | 3.40 | | | | |
| 2 | Colour | APHA23rd edition-2120-Colour Method B(Platinum Cobalt Visual Comparison) | CU | 5 | 15 | 5.00 | | | | |
| 3 | Odour | IS:3025(Part 5) | | Agree | Agree | Agree | | | | |
| 4 | Taste | IS:3025(Part 8) | | Agree | Agree | Agree | | | | |
| 5 | PH @25° | APHA23rd edition-4500-H+Method B | PH scale | 6.5-8.5 | 6.5-8.5 | 5.24 | | | | |
| 6 | Alkalinity as CaCO ₃ | APHA 23rd edition-2320-Alkalinity Method B(Titration Method) | mg/l. | 200 | 600 | 28.00 | | | | |
| 7 | TDS | APHA 23rd edition-2540-TDS Method C(Dried at 180 Degree Celsius) | mg/l. | 500 | 2000 | 40.00 | | | | |
| 8 | Chloride as Cl | APHA23rd edition-4500-Cl Method B(Argentometric Method) | mg/l. | 250 | 1000 | 25.00 | | | | |
| 9 | Total Hardness as Ca CO ₃ | APHA23rd edition-2340-Hardness Method C(EDTA method) | mg/l. | 200 | 600 | 32.00 | | | | |
| 10 | Calcium as Ca ⁺⁺ | APHA23rd edition-3500-Ca method B(EDTA Method) | mg/l. | 75 | 200 | 4.80 | | | | |
| 11 | Magnesium as Mg ⁺⁺ | APHA23rd edition-3500-Mg Method B(By Calculation) | mg/l. | 30 | 100 | 4.86 | | | | |

Remark:-

- The report should not be produced partly or full without approval signatory authority of legal purpose.
- It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under the "permissible" limit in the absence of alternate source in column 7 above which the sources will have to be rejected.
- The results refer only to tested samples and parameters.
- Samples will be stored for a period of 10 days from date of issue of report.
- This Lab does not hold any responsibility for variation in results for samples kept on hold for wants of clarification.

**** End Of Report****

AK Sena
CHEMIST
Report Reviewed & Approved
DWPHED Ambikapur (Surguja C.G.)
P.H.E. Sub Division
Ambikapur

District Water Testing Laboratory
Public Health Engineering Department, Division Ambikapur
Near Marine Drive Talab, Ambikapur, Distt. Surguja (C.G.)
Email:-eeamb-pho-cg@nic.in

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| | Sample Collection Date | 28/05/2025 | Sampling Plan & Procedure | Note done by lab staff |
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| S. N. | Parameters | Test method IS:3025/APHA 23rd ed. | | Unit | As per IS-10500-2012 Drinking Water | | Result of S.No. | | | | |
|-------|-------------------------------|--------------------------------------|-----------------|--------|--|-------------------|-----------------|---|---|---|---|
| | | Method | Part No. | | Acceptable Limit | Permissible Limit | 1 | 2 | 3 | 4 | 5 |
| | | | | | | | | | | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | | | | | |
| 1 | Spe. Conductivity @25 °C | IS:3025 | Part-14 | µS/cm | - | - | 62.25 | | | | |
| 2 | Nitrate as NO ₃ | APHA 23rd ed. | Part -2120B | Mg/l | 45 | 45 | N.D. | | | | |
| 3 | Iron as Fe ⁺⁺ | APHA 23rd ed. | Part -05 | Mg/l | 0.1 | 1.0 | 0.30 | | | | |
| 4 | Fluoride as F | APHA 23rd ed. | Part- 7/8 | Mg/l | 1.0 | 1.5 | 0.30 | | | | |
| 5 | Residual Chlorine | - | - | Mg/l | 0.2 | 1.0 | N.D. | | | | |
| 6 | Sulphate(as SO ₄) | - | - | Mg/l | 200 | 400 | 3.81 | | | | |
| | Bacteriological | H ₂ S(Vials Kits Analy.) | (24 hrs/48 hrs) | 24 Hrs | - | - | Absent | | | | |
| | | | | 48 Hrs | - | - | Absent | | | | |

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**** End Of Report****

R.K. Saini
CHEMIST
District Water Testing Laboratory
P.H.E. Sub Division
Ambikapur
Surguja (C.G.)