



**District Water Testing Laboratory
Public Health Engineering Division Bemetara Chhattisgarh**

Format Id- DWTL/PHED/BMT/F/4.1

kobiya chouk bemetara, pin 491335
Email- eebem-phd-eg@gov.in Phone: 07824-222118

**Test Report
Drinking Water**

Certificate No. TC-9658

| | | | |
|---|---------------------------|-------------------------|---------------------------------------|
| Report No: 195 | ULR NO. TC96582500000195F | Sampled by:- Ajay kumar | |
| Senders Name & Address: Prerana vidyalaya kathiya | Sender's letter no. | | Sender's letter Date 15.04.2025 |
| | DL Receipt No. | Q | |
| | Issue No. | | DL Received date 15.04.2025 |
| | Date of analysis started | 15.04.2025 | Date of analysis completed 17.04.2025 |

| No. | Block & District | Panchayat & Village | Sample ID | Location/Source No. |
|-----|------------------|---------------------|-----------------|--|
| 1 | Berla/Bemetara | Kathiya | 04/25/195 - 384 | Prerana vidyalaya kathiya (Girls side R.O.) |
| 2 | Berla/Bemetara | Kathiya | 04/25/195 - 385 | Prerana vidyalaya kathiya (Boys side R.O.) |
| 3 | Berla/Bemetara | Kathiya | 04/25/195 - 386 | Prerana vidyalaya kathiya (Ground floor) |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |

| No. | Characteristics | Test method IS.3025 | | Unit of Measurement | As Per BIS -10500:2012 For Drinking Water | | Results | | | | | | | | | | | | | |
|-----|---------------------------------------|---------------------|----------|---------------------|---|-------------------|---------------|-----------|-----------|---|---|---|---|---|---|----|--|--|--|--|
| | | Method | Part no | | Acceptable Limit | Permissible Limit | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | Sample ID --> | | | | | | | | | | | | | |
| 1 | Turbidity | IS:3025 | Part -10 | NTU | 1.0 | 5.0 | 384 | 385 | 386 | | | | | | | | | | | |
| | pH | IS:3025 | Part -11 | pH scale | 6.5 - 8.5 | 6.5 - 8.5 | 7.42 | 7.30 | 7.54 | | | | | | | | | | | |
| 3 | Total Alkalinity as CaCO ₃ | IS:3025 | Part -23 | mg/l | 200 | 600 | 18.79 | 14.62 | 22.96 | | | | | | | | | | | |
| 4 | Specific Conductivity | IS:3025 | Part -14 | µmhos/cm | - | -- | 108 | 75 | 377 | | | | | | | | | | | |
| 5 | Chloride as Cl ⁻ | IS:3025 | Part -32 | mg/l | 250 | 1000 | 7.14 | 5.10 | 31.62 | | | | | | | | | | | |
| 6 | Total Hardness as CaCO ₃ | IS:3025 | Part -21 | mg/l | 200 | 600 | 24.43 | 22.39 | 114.01 | | | | | | | | | | | |
| 7 | Calcium as Ca ⁺⁺ | IS:3025 | Part -40 | mg/l | 75 | 200 | 5.71 | 4.07 | 28.53 | | | | | | | | | | | |
| 8 | Magnesium as Mg ⁺⁺ | IS:3025 | Part -46 | mg/l | 30 | 100 | 2.47 | 2.96 | 10.38 | | | | | | | | | | | |
| 9 | Total Dissolved Solid | IS:3025 | Part -16 | mg/l | 500 | 2000 | 48.2 | 37.1 | 186.0 | | | | | | | | | | | |
| 10 | Colour | IS:3025 | Part -4 | Hazen | 5 | 15 | 5 | 10 | 10 | | | | | | | | | | | |
| 11 | Odour | IS:3025 | Part -5 | | Agreeable | Agreeable | Agreeable | Agreeable | Agreeable | | | | | | | | | | | |
| 12 | Taste | IS:3025 | Part -8 | | Unobjectionable | Unobjectionable | Agreeable | Agreeable | Agreeable | | | | | | | | | | | |

- This report should not be produced partly or full without approval of signatory authority of legal purposes
- 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 upto 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 tested.
- Samples will be stored for a period of 10 days after analysis
- This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
- The Laboratory does not give interpretation on Test result PASSED / FAILED
- Remarks - 1. Results apply to the sample as received
2. Sampling not done by the Laboratory Staff

Anamika Mishra
Authorized Signatory
District water Testing Laboratory Bemetara (C G)

Issue Date:

End of report

District Water Testing Laboratory
Public Health Engineering Division Bemetara Chhattisgarh

Format Id- DL/PHED/BMT/F/4.2

kobiya chouk bemetara, pin 491335
 Email- eebem-phe-cg@mail.nic.in Phone 07824-222118

Test Report
Drinking Water

| | | | | |
|--|--------------------------|------------|----------------------------|------------|
| Report no; 195 | Sampled by :- Ajay kumar | | | |
| SENDERS NAME & Address: Prerana vidyalaya kathiya | Sender's letter no. | | Sender's letter Date | 15.04.2025 |
| | DL Receipt No. | Q | DL Received date | 15.04.2025 |
| | Date of analysis started | 15.04.2025 | Date of analysis completed | 17.04.2025 |
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Sample Details-

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| 11 | | | | |

Details of parameters, their test methods, units and specifications as per IS:3025 /APHA

| No | Characteristics | Unit of Measurement | As Per BIS -10500:2012 For Drinking Water | | Results | | | | | | | | | | | | | | |
|----|--------------------------|---------------------|---|-------------------|---------------|-----|-----|-----|-----|-----|---|---|---|----|----|--|--|--|--|
| | | | Acceptable Limit | Permissible Limit | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | Sample ID --> | | | 384 | 385 | 386 | | | | | | | | | |
| 1 | Residual Chlorine | ppm | 0.2 | 1.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | | | |
| 2 | Coliform Organisms 37 °C | CFU/100ml | | | 0 | 0 | 0 | | | | | | | | | | | | |

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Chemist
 Distric Water Testing Laboratory Bemetara (c.g.)