

**DISTRICT WATER TESTING LABORATORY**  
Office of the Executive Engineer, Public Health Engg. Division Jabalpur M.P.

**WATER TESTING REPORT**

| Report No. - 144   | Date   | 10/01/2026      | UID No. JBP/   |                     |                 |   |   |   |   |
|--|--|-----------------|--|---------------------|-----------------|---|---|---|---|
| Ref. NO. - 1057  | Date   | 08/01/2026      | Village & Location   |                     |                 |   |   |   |   |
| To,  | The Principal,<br>Joy Senior Secondary School<br>Jabalpur (M.P.) |                 | 1- Joy Senior Secondary School<br>Jabalpur Campus, R.O water |                     |                 |   |   |   |   |
| Sample Collected by  | School Staff   |                 | 2-   |                     |                 |   |   |   |   |
| Date of collection   | 08/01/2026   |                 | 3-   |                     |                 |   |   |   |   |
| Source   | R.O Water  |                 | 4-   |                     |                 |   |   |   |   |
| Date of receipt  | 08/01/2026   |                 | 5-   |                     |                 |   |   |   |   |
| Date of Testing  | 08/01/2026   |                 |  |                     |                 |   |   |   |   |
| Test conducted by  | Kavita Rajak   |                 |  |                     |                 |   |   |   |   |
| <b>As per BIS 10500:2012 Reaffirmed in feb 2021 For Drinking Water</b>   |  |                 |  |                     |                 |   |   |   |   |
| Sl no.   | Characteristic   | Unit            | Acceptable   | Cause for rejection | RESULT          |   |   |   |   |
|  |  |                 |  |                     | 1               | 2 | 3 | 4 | 5 |
| <b>PHYSICAL-TEST</b>   |  |                 |  |                     |                 |   |   |   |   |
| 1  | Turbidity  | NTU             | 1.0  | 5.0                 | 0.7             |   |   |   |   |
| 2  | Colour   | Pt. Cobalt      |  |                     | -               |   |   |   |   |
| 3  | Test & Odour   | Unobjectionable | Unobjectionable  |                     | unobjectionable |   |   |   |   |
| <b>CHEMICAL-TEST</b>   |  |                 |  |                     |                 |   |   |   |   |
| 4  | pH   | ...             | 6.5 to 8.5   | 6.5 to 8.5          | 7.53            |   |   |   |   |
| 5  | Conductivity   | M Mohs/cm       | ..   | ..                  | 237             |   |   |   |   |
| 6  | Alkalinity   | mg/l            | 200  | 600                 | 235             |   |   |   |   |
| 7  | Chloride (As cl)   | mg/l            | 250  | 1000                | 47              |   |   |   |   |
| 8  | Nitrates   | mg/l            | 45   | 45                  | 0.0             |   |   |   |   |
| 9  | Total Hardness (As CaCO <sub>3</sub> )                           | mg/l            | 200  | 600                 | 294             |   |   |   |   |
| 10   | Calcium (As Ca)  | mg/l            | 75   | 200                 | 60.0            |   |   |   |   |
| 11   | Magnesium (As Mg)  | mg/l            | 30   | 100                 | 36.0            |   |   |   |   |
| 12   | Total dissolved solid  | mg/l            | 500  | 2000                | 154             |   |   |   |   |
| 13   | Iron (As Fe)   | mg/l            | 1.00   | 1.0                 | 0.0             |   |   |   |   |
| 14   | Manganese (As Mn)  | mg/l            | 0.10   | 0.30                | 0.0             |   |   |   |   |
| 15   | Fluoride (As F)  | mg/l            | 1.00   | 1.50                | 0.0             |   |   |   |   |
| 16   | Sulphates As So <sub>4</sub>                                     | mg/l            | 200  | 400                 | 0.22            |   |   |   |   |
| 17   | Residual Chlorine  | mg/l            | 0.20   | 1.0                 | -               |   |   |   |   |
| <b>BACTERIOLOGICAL-TEST</b>  |  |                 |  |                     |                 |   |   |   |   |
| 18   | Total Coliform   | per 100ml       | 0  | ..                  | -               |   |   |   |   |
| 19   | E Coli or Thermo tolerant coliforms                              | per 100ml       | 0  | ..                  | -               |   |   |   |   |
| <b>Remark:-</b>  |  |                 |  |                     |                 |   |   |   |   |
| Note:- 1. As above result compared with BIS 10500:2012<br>2. Samples are not collected by us.<br>3. Not to be produced at court of law.<br>4. We do not take any responsibility for deviation in test result due to wrong collection of sample |  |                 |  |                     |                 |   |   |   |   |

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 10/11/2026  
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