

Water Testing Laboratory, JAL SHAKTI VIBHAG, Panchrukhi, (H.P)
TEST REPORT

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|-------------------------|---|-------------------|--------------|
| Sender's Name & Address | Principal Cambridge International School Palampur | Name of Scheme | — |
| Lab Ref. No. | 151 | Source | Tube well |
| Sample Collected On | 05/05/23 at 9:00 Am | Where collected | At Permisses |
| Sample Received On | 05/05/23 at 11:00 Am | Sample's Quantity | 1 Ltr. |

| Sr. No. | Test | Test Method | Result | Requirement As per IS 10500:2012 | |
|------------------------------|---|----------------------------|-----------|----------------------------------|--|
| | | | | Acceptable Limit | permissible limit in the absence of alternate source |
| Physical parameter | | | | | |
| 1 | Colour, Max | IS 3025 – Part 4 | 1 | 5 | 15 Max |
| 2 | Odour | IS 3025 – Part 6 | Agreeable | Agreeable | Agreeable |
| 3 | Taste | IS 3025 – Part 7 | — | Agreeable | Agreeable |
| 4 | Turbidity, max | IS 3025 – Part 10 | 0.09 | 1.0 NTU | 5.0 NTU |
| Chemical Parameters | | | | | |
| 5 | pH | IS 3025 – Part 11 | 6.87 | 6.5-8.5 | No relaxation |
| 6 | Total Alkalinity, max | IS 3025 – Part 23 | — | 200 mg/l | 600 mg/l |
| 7 | Chlorides (as Cl), max | IS 3025 – Part 32 | — | 250 mg/l | 1000 mg/l |
| 8 | Total Hardness (as CaCO ₃), max | IS 3025 – Part 21 | — | 200 mg/l | 600 mg/l |
| 9 | Total Dissolved Solids, max | IS 3025 – Part 16 | 68.1 | 500 mg/l | 2000 mg/l |
| 10 | Calcium (as Ca), max | IS 3025 – Part 16 | — | 75 mg/l | 200 mg/l |
| 11 | Magnesium (as Mg), max | IS 3025 – Part 46 | — | 30 mg/l | 100 mg/l |
| 12 | Free residual chlorine, min | IS 3025 (Part 26) | Nul | 0.2mg/l | 1 mg/l |
| Biological Parameters | | | | | |
| ● | MPN (per 100 ml of sample) | Multiple Test Tubes Method | Nul | | |

Observations: Above tested parameters are within acceptable limits as per (IS 10500 2012)

Note:

- This report should not be produced partly or fully without approval of signatory authority for legal purpose
- The results refer only to tested samples and parameters tested.

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