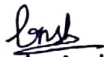
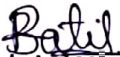




HAVERI DISTRICT WATER QUALITY TESTING LABORATORY  
RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK

Rural Drinking Water and Sanitation Division, Old Zilla Panchayath Vidya Nagar 'A' Block Haveri-581110  
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| TEST REPORT  |  |           |  |                                      |                               |
|--|--|-----------|--|--------------------------------------|-------------------------------|
| School Name: High Bird<br>Standard Public<br>School<br>Kod Road, Haunsbhavi-581109<br>Taluk: Hirekerur<br>District: Haveri               |  |           |  | Report date: 04.08.2025              |                               |
|  |  |           |  | Report Number: 53                    |                               |
|  |  |           |  | Sample receipt date: 31.07.2025      |                               |
|  |  |           |  | Sample code: HKR25JULDW53            |                               |
|  |  |           |  | Date of Sampling: 31.07.2025         |                               |
|  |  |           |  | Analysis start date: 01.08.2025      |                               |
|  |  |           |  | Analysis completion date: 02.08.2025 |                               |
| Sample Collection Protocol: APHA Method  |  |           |  |                                      |                               |
| Sample Particulars: Drinking Water   |  |           |  | Sample quantity: 1000 ml             |                               |
| Sl. No   | Test   | Results   | Acceptable Limit IS 10500 : 2012   | Permissible Limit IS 10500 : 2012    | Protocol                      |
| Description: Colourless Liquid   |  |           |  |                                      |                               |
| 1.   | pH at 25.6°C                                   | 7.07      | 6.5-8.5  | No Relaxation                        | IS 3025 Part 11: 2022         |
| 2.   | Specific Conductance $\mu S/cm$ at temp 25.1°C | 198       | -  | -                                    | IS 3025 Part 14: 2013         |
| 3.   | Odour  | Agreeable | Agreeable  | Agreeable                            | IS 3025 Part-5 & 6: 2018      |
| 4.   | Taste  | Agreeable | Agreeable  | Agreeable                            | IS 3025 Part-8: 2023          |
| 5.   | Colour, Hazen units                            | 5         | 5  | 15                                   | IS 3025 Part-4 : 2021         |
| 6.   | Turbidity, NTU                                 | 0.6       | 1  | 5                                    | IS 3025 Part 10: 2023         |
| 7.   | Total Dissolved Solids, mg/l @ 181°C           | 120       | 500  | 2000                                 | IS 3025 Part 16: 2023         |
| 8.   | Alkalinity as $CaCO_3$ , mg/l                  | 28.28     | 200  | 600                                  | IS 3025 Part 23: 2023         |
| 9.   | Total hardness as $CaCO_3$ , mg/l              | 84.92     | 200  | 600                                  | IS 3025 Part 21: 2009         |
| 10.  | Calcium as Ca, mg/l                            | 17.81     | 75   | 200                                  | IS 3025 Part 40: 1991         |
| 11.  | Magnesium as Mg, mg/l                          | 9.82      | 30   | 100                                  | IS 3025 Part 46: 2023         |
| 12.  | Chloride as Cl, mg/l                           | 36.60     | 250  | 1000                                 | IS 3025 Part 32: 1988         |
| 13.  | Sulphate as $SO_4$ , mg/l                      | 7.09      | 200  | 400                                  | IS 3025 Part 24: 2022         |
| 14.  | Fluoride as F, mg/l                            | 0.135     | 1  | 1.5                                  | APHA 24 <sup>rd</sup> Edition |
| 15.  | Nitrate as $NO_3$ , mg/l                       | 2.12      | 45   | No Relaxation                        | APHA 24 <sup>rd</sup> Edition |
| 16.  | Iron as Fe, mg/l                               | 0.115     | 1  | No Relaxation                        | IS 3025 Part 53: 2003         |
| Remark: The above tested parameters conforms that they are within the acceptable limit as per the specification of IS 10500:2012 RA:2018 |  |           |  |                                      |                               |
| Reviewed By: <br>Senior Analyst/Junior Analyst        |  |           | Authorized Signatory: <br>Technical Manager |                                      |                               |

RDWSD/WQMSP/TeR/01