



OFFICE OF THE SENIOR CHEMIST  
REGIONAL LABORATORY, PHED, KOTA, RAJASTHAN  
PHED Campus, AKELGARH KOTA-324010



Test Report  
(CHEMICAL & BACTERIOLOGICAL EXAMINATION OF WATER)

Desp. No. : 691

Dated : 01/10/25

Issued to:

Principal

Kendriya Vidhyalaya  
Bundi

District: Bundi

Block/City: Bundi

Sample Not Collected by Lab

|                                  |                                                  |                                |                                                         |                                                     |               |
|----------------------------------|--------------------------------------------------|--------------------------------|---------------------------------------------------------|-----------------------------------------------------|---------------|
| Ref ID                           | 30                                               |                                |                                                         | Sample Code No.                                     | PC-103 PB-104 |
| Reference : Letter No.           |                                                  | 2772                           | Source :                                                |                                                     | TW            |
| Reference Date:                  |                                                  | 24.09.25                       | Source Location :                                       |                                                     | School Campus |
| Date of Receipt :                |                                                  | 24.09.25                       | Habitation/Ward No. :                                   |                                                     | -             |
| Sample ID                        | 45                                               |                                |                                                         |                                                     |               |
| Name of Sample Collector:        |                                                  | Ravi Kumar                     | Village/Colony/Nagar :                                  |                                                     | -             |
| Designation of Sample Collector: |                                                  | -                              | Gram Panchayat/City Area :                              |                                                     | -             |
| Latitude of Location             |                                                  |                                |                                                         | Date of Collection :                                | 24.09.25      |
| Longitude of Location            |                                                  |                                |                                                         | Start Date of Examination :                         | 24.09.25      |
| Elevation of Location            |                                                  |                                |                                                         | End Date of Examination :                           | 29.09.25      |
| Test Parameters                  |                                                  | IS-10500:2012(RA 2018)         |                                                         | Sample Report No.                                   |               |
|                                  |                                                  | Requirement (Acceptable Limit) | Permissible limit in the absence of alternative sources | References Method:                                  | Test Values   |
| 1                                | pH At Temp. 25° C                                | 6.5 to 8.5                     | No relaxation                                           | [IS 3025, P-11], 2022                               | 7.18          |
| 2                                | Turbidity                                        | 1.0                            | 5.0                                                     | -                                                   | 1.15          |
| 3                                | Taste                                            | Not Defined                    | Not Defined                                             | -                                                   | -             |
| 4                                | Odour                                            | Unobjectionable                | Unobjectionable                                         | -                                                   | -             |
| 5                                | Total Alkalinity (as CaCO <sub>3</sub> ) mg/l    | 200                            | 600                                                     | [IS 3025, P-23], 2023                               | 280           |
| 6                                | Total Hardness (as CaCO <sub>3</sub> ) mg/l      | 200                            | 600                                                     | [IS 3025, P-21], 2009 (RA 2023)                     | 780           |
| 7                                | Calcium (as Ca <sup>++</sup> ) mg/l              | 75                             | 200                                                     | [IS 3025, P-40], 2024                               | -             |
| 8                                | Magnesium (as Mg <sup>++</sup> ) mg/l            | 30                             | 100                                                     | [IS 3025, P-46], RA 2023                            | -             |
| 9                                | Chloride (as Cl <sup>-</sup> ) mg/l              | 250                            | 1000                                                    | [IS 3025, P-32], 1988 (RA 2019)                     | 430           |
| 10                               | Nitrates (as NO <sub>3</sub> <sup>-</sup> ) mg/l | 45                             | No relaxation                                           | [APHA, Ed24, 4500-B] NO3: 2023                      | 5             |
| 11                               | Fluoride (as F <sup>-</sup> ) mg/l               | 1.0                            | 1.5                                                     | [IS 3025, P-60], 2008 (RA 2023)                     | 0.326         |
| 12                               | Total Dissolved Solids (TDS) mg/l At 180° C      | 500                            | 2000                                                    | [IS 3025 P-16]: 2023 /APHA, Ed24, 2510-B] Cond.2023 | 1538          |
| 11                               | Total Coliform (MPN/100ml)                       | Nil                            | Nil                                                     | -                                                   | NIL           |

(\*ADL= Above detection limit; BDL= Below detection limit)

REPORT IS NOT VALID FOR  
JUDICIAL AND COMMERCIAL  
PURPOSE

Authorized Signatory

Senior Chemist  
PHED Reg.Lab. Kota

NOTE:

- This test report shall not be reproduce except in full, unless permission for the reproduction of an approved abstract has been obtained from the Senior Chemist, REGIONAL LABORATORY PHED, KOTA (Rajasthan).
- This test report relates only to the samples/items submitted to the laboratory for test.
- This report is not valid for legal cases/legal purposes.
- Sample will be preserved only for 15 days from date of receipt.
- Measurement of uncertainty and standard methods will be provided to customer on demand.

Telephone : 0744-2470946

E-mail: lab.kot.phed@rajasthan.gov.in

-----End of the Report-----