



**DELHI JAL BOARD: GNCTD  
ZONAL LABORATORY WTP WAZIRABAD, DELHI-54**



**TEST REPORT**

|                             |  |                     |            |
|-----------------------------|--|---------------------|------------|
| Sample ID                   | Ref. No. D.J.B/DTQC/Wzd/2025-26/Paid-198-199                           |                     |            |
| Location /Address of Sample | Chhotu Ram Public School (Senior Secondary) Bakhtawarpur, Delhi-110036 |                     |            |
| Letter Reference No.        | 593/1/2/AOSC/CRPS/2025   | Ref. Letter Date    | 19.12.2025 |
| Challan No.                 | 227  | Challan Date        | 22.12.2025 |
| Sample Collection date      | 26.12.2025   | Analysis start date | 26.12.2025 |
| Any other Information       | --   | Analysis end date   | 29.12.2025 |
|                             |  | Reporting date      | 30.12.2025 |

**TEST RESULTS**

| S.No | Parameters                            | Unit      | As per the IS 10500 |                   | Inlet     | Outlet (RO) |
|------|---------------------------------------|-----------|---------------------|-------------------|-----------|-------------|
|      |                                       |           | Acceptable limit    | Permissible limit |           |             |
| 1    | Colour                                | CU        | 5(Max)              | 15(Max)           | 2.0       | 2.0         |
| 2    | Odour                                 | Agreeable | Agreeable           | Agreeable         | Agreeable | Agreeable   |
| 3    | Turbidity                             | NTU       | 1                   | 5                 | 1.0       | 1.0         |
| 4    | pH Value at 27 °C                     | --        | 6.5-8.5             | No relaxation     | 7.4       | 6.92        |
| 5    | Electrical Conductivity               | μS/cm     | -                   | -                 | 703       | 135         |
| 6    | Total Dissolved Solids                | mg/L      | 500(Max)            | 2000(Max)         | 457       | 88          |
| 7    | Total Alkalinity as CaCO <sub>3</sub> | mg/L      | 200(Max)            | 600(Max)          | 204       | 30          |
| 8    | Total Hardness as CaCO <sub>3</sub>   | mg/L      | 200(Max)            | 600(Max)          | 208       | 34          |
| 9    | Calcium as Ca                         | mg/L      | 75(Max)             | 200(Max)          | 89.7      | 11.2        |
| 10   | Magnesium as Mg                       | mg/L      | 30(Max)             | 100(Max)          | 16.8      | 1.4         |
| 11   | Iron as Fe                            | mg/L      | 1.0(Max)            | No relaxation     | 0.16      | 0.02        |
| 12   | Chloride as Cl                        | mg/L      | 250(Max)            | 1000(Max)         | 67        | 16          |
| 13   | Fluoride as F                         | mg/L      | 1.0(Max)            | 1.5(Max)          | 0.5       | 0.2         |
| 14   | Ammonical-Nitrogen                    | mg/L      | 0.5(Max)            | No relaxation     | BDL       | BDL         |
| 15   | Nitrate as NO <sub>3</sub>            | mg/L      | 45(Max)             | No relaxation     | 2         | 1           |
| 16   | Sulphate as SO <sub>4</sub>           | mg/L      | 200(Max)            | 400(Max)          | 140       | 17          |
| 17   | Residual Chlorine                     | mg/L      | 0.2(Min.)           | 1.0(Max)          | BDL       | BDL         |
| 18   | Coliform Count 37°C (MPN)             | /100 mL   | Absent              | No relaxation     | 0         | 0           |

\*BDL=Below Detection Limit

.....End of Report.....

**Remarks: Samples conform specification for the tested parameters and can be considered for drinking purpose.**

Tested by  
Lab.Tech.

Verified for Chemical parameters  
Asstt. Chemist

Verified for MPN  
Bacteriologist

Authorized by  
Chemist

**ACWA(WZD)**

Asstt. Chief Water Analyst  
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Water Works, Wazirabad