

"STOP CORONA VIRUS-Wash Your Hand/Wear Mask/Maintain Social Distance"



**DELHI JAL BOARD ;( GOVT. OF N.C.T. DELHI )**  
**QUALITY CONTROL LABORATORY,**  
**WATER TREATMENT PLANT HAIDERPUR,**  
**DELHI-110085**



THE TEST REPORT IS  
 FOR THIS PARTICULAR  
 WATER SAMPLE ONLY

(ISO Certified 9001:2015)

Water samples collected from: - S1:-Before R/O System; S2:- After R/O System in the premises of Delhi International Public School, Sector-09, Rohini, Delhi - 110085 vide challan no. 28 dated 26.04. 2025.

| No.                           | PARAMETERS                                | UNITS      | B.I.S.10500:2012 |             | S1                   | S2                   |
|-------------------------------|-------------------------------------------|------------|------------------|-------------|----------------------|----------------------|
|                               |                                           |            | Desirable        | Permissible |                      |                      |
| 1.                            | Date of Collection                        | --         | ---              | ---         | -----14.05.2025----- | -----16.05.2025----- |
| 2.                            | Date of Analysis                          | --         | ---              | ---         |                      |                      |
| 3.                            | Colour                                    | C.U.       | 5                | 15          | 3 C.U                | 2 C.U                |
| 4.                            | Odour                                     | --         | Agreeable        |             | Agreeable            | Agreeable            |
| 5.                            | Turbidity                                 | N.T.U.     | 1.0              | 5.0         | 2.78                 | 2.09                 |
| 6.                            | p <sup>H</sup> value                      | --         | 6.5 to 8.5       | N.R.        | 7.6                  | 7.5                  |
| 7.                            | Electrical Conductivity                   | μmhos/cm   | ---              | ---         | 293.0                | 285.0                |
| 8.                            | Total Dissolved Solid                     | (mg/l)     | 500              | 2000        | 190.45               | 185.25               |
| * CHEMICAL EXAMINATION        |                                           |            |                  |             |                      |                      |
| 9.                            | Phenolphthalein Alkalinity                | (mg/l)     | ---              | ---         | Nil                  | Nil                  |
| 10.                           | Total Alkalinity                          | (mg/l)     | 200              | 600         | 90.0                 | 83.0                 |
| 11.                           | Total Hardness                            | (mg/l)     | 200              | 600         | 126.0                | 122.0                |
| 12.                           | Calcium Hardness                          | (mg/l)     | ---              | ---         | 86.0                 | 75.0                 |
| 13.                           | Magnesium Hardness                        | (mg/l)     | ---              | ---         | 40.0                 | 47.0                 |
| 14.                           | Calcium as Ca                             | (mg/l)     | 75               | 200         | 34.4                 | 30.0                 |
| 15.                           | Magnesium as mg                           | (mg/l)     | 30               | 100         | 9.6                  | 11.28                |
| 16.                           | Ammonia (as NH <sub>3</sub> -N)           | (mg/l)     | 0.5              | N.R.        | ND                   | ND                   |
| 17.                           | Nitrite -Nitrogen (N)                     | (mg/l)     | ---              | ---         | ND                   | ND                   |
| 18.                           | Nitrate NO <sub>3</sub>                   | (mg/l)     | 45               | N.R.        | 3.23                 | 2.19                 |
| 19.                           | Sulphate (SO <sub>4</sub> )               | (mg/l)     | 200              | 400         | 34.12                | 32.98                |
| 20.                           | Chloride (Cl)                             | (mg/l)     | 250              | 1000        | 14.0                 | 12.0                 |
| 21.                           | Iron (Fe)                                 | (mg/l)     | 1.0              | N.R.        | 0.04                 | 0.02                 |
| 22.                           | Fluorides (F)                             | (mg/l)     | 1.0              | 1.5         | 0.38                 | 0.32                 |
| 23.                           | Cyanides (CN)                             | (mg/l)     | 0.05             | N.R.        | ND                   | ND                   |
| 24.                           | Residual Chlorine                         | (mg/l)     | 0.2              | 1.0         | 0.75                 | Nil                  |
| * BACTERIOLOGICAL EXAMINATION |                                           |            |                  |             |                      |                      |
| 25.                           | Coli form per 100 ml at 37 <sup>0</sup> c | MPN/100 mL | 0                |             | 0                    | 0                    |

Remarks: Remarks: On the basis of tested parameters, water samples 'S1' & 'S2' confirm to drinking water specification IS.10500:2012 and may be used for drinking purpose.

Asstt. Chemist

Chemist/Bacteriologist

A.C.W.A.

C. W. A. (W&S)-II