

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



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



(ISO Certified 9001:2015)

**THE TEST REPORT IS  
FOR THIS PARTICULAR  
WATER SAMPLE ONLY**

Water sample collected from DJB water supply in the premises of Rising Star Academy Senior Secondary School 110, Raj Nagar, Pitampura, Delhi-110034 vide challan no. 297 dated 09.02.2023.

| S. No.                             | PARAMETERS                      | UNITS      | Limit as per B.I.S.10500:2012 |             | S1         |
|------------------------------------|---------------------------------|------------|-------------------------------|-------------|------------|
|                                    |                                 |            | Acceptable                    | Permissible |            |
| 1.                                 | Date of collection              | --         | ---                           | ---         | 01.03.2023 |
| 2.                                 | Date of Analysis                | --         | ---                           | ---         | 03.03.2023 |
| 3.                                 | Colour                          | C.U.       | 5                             | 15          | <1 C.U.    |
| 4.                                 | Odour                           | --         | Agreeable                     |             | Agreeable  |
| 5.                                 | Turbidity                       | N.T.U      | 1.0                           | 5.0         | 1.81       |
| 6.                                 | pH value                        | --         | 6.5 to 8.5                    | N.R.        | 7.3        |
| 7.                                 | Electrical Conductivity         | μmhos/cm   | ---                           | ---         | 350.20     |
| 8.                                 | Total Dissolved Solid           | (mg/l)     | 500                           | 2000        | 227.63     |
| <b>CHEMICAL EXAMINATION</b>        |                                 |            |                               |             | Nil        |
| 9.                                 | Phenolphthalein Alkalinity      | (mg/l)     | ---                           | ---         | 97.0       |
| 10.                                | Total Alkalinity                | (mg/l)     | 200                           | 600         | 131.4      |
| 11.                                | Total Hardness                  | (mg/l)     | 200                           | 600         | 81.8       |
| 12.                                | Calcium Hardness                | (mg/l)     | 200                           | 600         | 49.6       |
| 13.                                | Magnesium Hardness              | (mg/l)     | 200                           | 600         | 32.72      |
| 14.                                | Calcium as Ca                   | (mg/l)     | 75                            | 200         | 11.90      |
| 15.                                | Magnesium as mg                 | (mg/l)     | 30                            | 100         | *ND        |
| 16.                                | Ammonia (as NH <sub>3</sub> -N) | (mg/l)     | 0.5                           | N.R.        | *ND        |
| 17.                                | Nitrite -Nitrogen (N)           | (mg/l)     | ---                           | ---         | 3.64       |
| 18.                                | Nitrate (NO <sub>3</sub> )      | (mg/l)     | 45                            | N.R.        | 31.03      |
| 19.                                | Sulphate (SO <sub>4</sub> )     | (mg/l)     | 200                           | 400         | 14.0       |
| 20.                                | Chloride (Cl)                   | (mg/l)     | 250                           | 1000        | 0.04       |
| 21.                                | Iron (Fe)                       | (mg/l)     | 1.0                           | N.R.        | 0.44       |
| 22.                                | Fluorides (F)                   | (mg/l)     | 1.0                           | 1.5         | *N.D.      |
| 23.                                | Cyanides (CN)                   | (mg/l)     | 0.05                          | N.R.        | 0.75       |
| 24.                                | Residual Chlorine               | (mg/l)     | 0.2                           | 1.0         |            |
| <b>BACTERIOLOGICAL EXAMINATION</b> |                                 |            |                               |             |            |
| 25.                                | Coli form per 100 ml at 37°C    | MPN/100 mL | 0                             |             | 0          |

\*N.D. - Not Detectable

**Remarks:** On the basis of above tested parameters, water sample (S1) confirm to drinking water specification I.S.10500:2012 and may be used for drinking purpose.

Asstt. Chemist

Chemist/Bacteriologist

A.C.W.A. (HP- I)

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