



**DELHI JAL BOARD  
GOVT. OF N.C.T. OF DELHI  
QUALITY CONTROL LABORATORY  
W.W.WAZIRABAD, DELHI-110054**



Ref.No. D.J.B/DTQC/Wzd./2019/Paid-370

Date: 18.05.2019

**Analysis report of water Sample collected from Hazari Lal Public School, Village & Post Khera Kalan Delhi-82**

Ref.No. HLPS/1040

THE REPORT PERTAINS TO THE PARTICULAR SAMPLE ONLY

Dated: 13.05.2019

Challan no.60

Dated: 14.05.2019

| S. No.   | PARAMETERS                             | UNIT    | DESIRABLE/<br>PERMISSIBLE<br>LIMIT | RESULTS  |
|----------|----------------------------------------|---------|------------------------------------|----------|
| <b>A</b> | <b>PHYSICAL PARAMETERS</b>             |         |                                    |          |
| 1        | DATE OF SAMPLE COLLECTED               | ----    | --                                 | 15.05.19 |
| 2        | COLOUR                                 | HAZEN   | 5-15                               | Clear    |
| 3        | ODOUR                                  | ----    | Agreeable                          | Unobject |
| 4        | TURBIDITY                              | N.T.U.  | 1-5                                | 0.84     |
| 5        | pH VALUE                               | -       | 6.5-8.5                            | 7.01     |
| 6        | ELECTRICAL CONDUCTIVITY                | µmho/cm | --                                 | 112      |
| 7        | T.D.S.                                 | mg/l    | 500-2000                           | 72       |
| <b>B</b> | <b>CHEMICAL PARAMETERS</b>             |         |                                    |          |
| 1        | P <sup>th</sup> ALKALINITY             | mg/l    | --                                 | N.D      |
| 2        | TOTAL ALKALINITY                       | mg/l    | 200-600                            | 64       |
| 3        | TOTAL HARDNESS                         | mg/l    | 200-600                            | 42       |
| 4        | CARBONATE HARDNESS                     | mg/l    | --                                 | 42       |
| 5        | NON CARBONATE HARDNESS                 | mg/l    | --                                 | 0        |
| 6        | CALCIUM AS Ca(75-200)                  | mg/l    | 75-200                             | 12       |
| 7        | MAGNESIUM AS Mg(30-100)                | mg/l    | 30-100                             | 2.88     |
| 8        | AMMONIA AS NH <sub>3</sub>             | mg/l    | --                                 | N.D      |
| 9        | NITRITE (NO <sub>2</sub> )             | mg/l    | --                                 | N.D      |
| 10       | NITRATE (NO <sub>3</sub> ) (45)        | mg/l    | 45                                 | 2.2      |
| 11       | SULPHATE (SO <sub>4</sub> ) (200-400)  | mg/l    | 200-400                            | 22       |
| 12       | CHLORIDE (Cl <sup>-</sup> ) (250-1000) | mg/l    | 250-1000                           | 40       |
| 13       | IRON (Fe) (0.30)                       | mg/l    | 0.30                               | 0.06     |
| 14       | FLUORIDE (F <sup>-</sup> ) (1.0-1.5)   | mg/l    | 1.0-1.5                            | 0.10     |
| 15       | R/CHLORINE                             | mg/l    | 02.-1.0                            | N.D      |

Remarks: On the Basis of above tested parameters the above water sample conforms drinking water specification BIS 10500-2012 & can be considered chemically fit for the drinking purpose.

*[Signature]*  
ACWA  
Asstt. Chemist Water Analyst  
D.J.B. (Govt. of N.C.T. of Delhi)  
Water Works, Wazirabad

*[Signature]*  
CHEMIST

*[Signature]*  
A/CHEMIST

*[Signature]*  
Kavita  
26/06/21  
Vice Principal  
Sh. Hazari Lal Public School  
Khera Kalan, Delhi-82

*[Signature]*  
Manager  
Sh. Hazari Lal Public School  
Khera Kalan, Delhi