**OFFICE OF THE EXECUTIVE ENGINEER GANGA JAL PROJECT UNIT,**
**U.P. JAL NIGAM (URBAN) 120 MLD W.T.P. LABORATORY,**
**PRATAP VIHAR, GHAZIABAD-201009**

**Letter No.** 1556 / Testing / 103 **Dated** 22/09/2026

**To,**

**Principal**
**H.S. Disha Public School**
**(Affiliated To C.B.S.E New Delhi)**
**Bilaspur, Distt.- Gautam Budh Nagar (U.P.)**

**Sub :-** **Physical and Chemical analysis of water sample**

Dear Sir

The water analysis report for the water sample (01 No.) sent along with your letter No. HSDPS/0037/2026-27 Dated 16.09.2026 the physical & chemical analysis report is enclosed with this letter.

Water Sample From H.S. Disha Public School :- 1 No.
Bilaspur, Distt.- Gautam Budh Nagar (U.P.)

**Total :- 1 No.**

**Enclosers : As Above.**

**Executive Engineer**
**Executive Engineer**
**Ganga Jal Project Unit**
**U.P. Jal Nigam (Urban)**
**Ghaziabad**

Disha Public School Principal Bilaspur, G.B. Nagar

H.S. Disha Public School Manager Bilaspur, G.B. Nagar

Disha Public School Principal S.H. Bilaspur, G.B. Nagar

H.S. Disha Public School Manager Bilaspur, G.B. Nagar

# WATER TESTING LABORATORY

**120 MLD, WATER TREATMENT PLANT, GANGA JAL PROJECT, PRATAP VIHAR, GHAZIABAD- 201009**

## TEST REPORT

**TC-15179**

| | | | |
|---|---|---|---|
| Lab Address | 120 MLD Water Treatment Plant Ganga Jal Project, Pratap Vihar, Ghaziabad | | |
| Customer Name and Address | Principal H.S. Disha Public School Bilaspur, Distt. Gautam Budh Nagar. | Lab Temperature During Testing | 26.4°C |
| Test Report No. | UPJN/2025-26/B/237 | Test Start Date: | 17.09.2026 |
| Sample Description | Water Sample From H.S. Disha Public School Bilaspur, Distt. Gautam Budh Nagar. | Test Completion Date: | 20.09.2026 |
| Specification | IS 10500:2012 Amendment No. 2 | | |
| Sample Packaging Details | Sample Sealed (01 Litre) | Issued Date: | 21.09.2026 |
| Environment conditions at Lab During Testing | 25°C ± 3°C | Sample code | UPJN/2025-26/B/237 |

| Sr. No. | Test Parameters/ Unit | Test Result | Requirement as Per IS 10500:2012 | | Test Method |
|---|---|---|---|---|---|
| | | | Acceptable Limit | Permissible Limit | |
| 1 | pH | 7.82 | 6.50 - 8.50 | No Relaxation | IS: 3025 Pt-11:2022 |
| 2 | Turbidity, NTU | 0.56 | 1.0 | 5.0 | IS: 3025 Pt-10:2024 |
| 3 | Total Hardness (as CaCo3) mg/l | 63.36 | 200 | 600 | IS: 3025 Pt-21:2023 |
| 4 | Calcium (as Ca) mg/l | 14.28 | 75 | 200 | IS: 3025 Pt-40:2024 |
| 5 | Magnesium (as Mg) mg/l | 6.72 | 30 | 100 | IS: 3025 Pt-46:2023 |
| 6 | Chloride (as Cl ) mg/l | 14.09 | 250 | 1000 | IS: 3025 Pt-32:2019 |
| 7 | Total Dissolved Solids, mg/l | 176.00 | 500 | 2000 | IS: 3025 Pt-16:2023 |
| 8 | Total Solids, mg/l | 192.00 | -- | -- | IS: 3025 Pt-15:2009 |
| 9 | Conductivity, µS/cm | 356.00 | -- | -- | IS:3025, Pt-14:2019 |

**DECLARATION:**

- This test report refers to items submitted for testing only.
- This test report shall not be re-produced except in full unless written permission for the publication of an approved abstract has been obtained from WTL.
- The test results reported in this report are valid at the time and under the stated conditions of testing
- Sampling is not done by WTL Sample is provided by the customer.
- Sample shall be retained at the lab maximum for 15 days (in case any retesting needs to be initiated)

**--- End of Report—**

**Reviewed By:**

**Name: Hari Sharan**
**Designation: Chemist**

**Authorized Signatory**

**Hasrat Mehmood**
**Designation: Technical Manager**



H.S. Disha Public School Principal Bilaspur, G.B. Nagar
H.S. Disha Public School Principal Bilaspur, G.B. Nagar
H.S. Disha Public School Manager Bilaspur, G.B. Nagar
H.S. Disha Public School Manager Bilaspur, G.B. Nagar

# WATER TESTING LABORATORY

120 MLD, WATER TREATMENT PLANT, GANGA JAL PROJECT, PRATAP VIHAR GHAZIABAD -201009

## TEST REPORT

| | | | |
|---|---|---|---|
| Lab Address | 120 MLD Water Treatment Plant, Ganga Jal Project, Pratap Vihar, Ghaziabad. | | |
| Customer Name and Address | Principal H.S. Disha Public School Bilaspur, Distt. Gautam Budh Nagar. | Lab Temperature During Testing | 26.4°C |
| Test Report No. | UPJN/2025-26/B/237 | Test Start Date: | 17.09.2026 |
| Sample Description | Water Sample From H.S. Disha Public School Bilaspur, Distt. Gautam Budh Nagar. | Test Completion Date | 20.09.2026 |
| Specification | IS 10500:2012 Amendment No. 2 | Sample Code No. | UPJN/2025-26/B/237 |
| Sample Packaging Details | Sample Sealed ( 01 Litre) | Issued Date | 21.09.2026 |
| Environment conditions at Lab During Testing | 25°C± 3°C | Sample collected By | Sh. Sandeep Kumar |

**Test Results: Physico-Chemical Characteristics As per IS 10500 : 2012 as Amendment No. 2**

| Sl.No. | Parameter | Expresed as | Analysed Result | Acceptable Limit | Permissible Limit |
|---|---|---|---|---|---|
| 1 | Sulphate (as $SO_4$) | mg/l | 27.00 | 200 | 400 |
| 2 | Fluoride (as F) | mg/l | 0.24 | 1.0 | 1.5 |
| 3 | Nitrate (as $NO_3$) | mg/l | 3.80 | 45 | No relaxation |
| 4 | Iron (as Fe) | mg/l | BDL | 1.0 | No relaxation |
| 5 | Residual Chlorine | mg/l | Nil | 0.2 | 1.0 |

**Note :-** (i) Figures in Col-5 are the limits up to which drinking water is acceptable to the consumers.
(ii) Figures in excess of Col-6 render the water not acceptable, but still may be tolerated ( up to the limit indicated in the Col-6) in the absence of alternative and better source.
(iii) The water sample is not collected by us
(iv) BDL- Below Detection Limit.

**-- End of Report—**

**Reviewed By**

**Name: Hari Sharan**

**Designation: Chemist**

**Authorized Signatory**

**Name: Hasrat Mehmood**

**Designation: Technical Manager**

H.S. Disha Public School Principal Bilaspur, G.B. Nagar

H.S. Disha Public School Manager Bilaspur, G.B. Nagar