



**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. 749 / Testing

161

Dated 21/05/2026

To,

Principal
D.S. International School
Village-Bisraikh, Sector-1, Greater Noida West

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. DS/16 Dated 12.05.2026 the physical and chemical analysis report is enclosed with this letter.

Water Sample From D.S. International School
Village-Bisraikh, Sector-1, Greater Noida West

:- 1 No.

Total :- 1 No.

Enclosers : As Above.


Executive Engineer



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 D.S. International School Village- Bistrakh, Sector-1, Greater Noida (West)	Lab Temperature During Testing	26.3°C		
Test Report No.	UPJN/2025-26/B/212	Test Start Date:	16.05.2026		
Sample Description	Water Sample From D.S. International School Village- Bistrakh, Sector-1, Greater Noida	Test Completion Date:	19.05.2026		
Specification	IS 10500:2012 Amendment No. 2	Issued Date:	20.05.2026		
Sample Packaging Details	Sample Sealed (01 Litre)	Sample code	UPJN/2025-26/B/212		
Environment conditions at Lab During Testing	25°C ± 3°C				
Sr No.	Test Parameters/ Unit	Test Result	Requirement as Per IS 10500:2012		Test Method
			Acceptable Limit	Permissible Limit	
1	pH	7.12	6.50 - 8.50	No Relaxation	IS: 3025 Pt-11:2022
2	Turbidity, NTU	0.35	1.0	5.0	IS: 3025 Pt-10:2024
3	Total Hardness (as CaCo3) mg/l	164.00	200	600	IS: 3025 Pt-21:2023
4	Calcium (as Ca) mg/l	20.84	75	200	IS: 3025 Pt-40:2024
5	Magnesium (as Mg) mg/l	27.19	30	100	IS: 3025 Pt-46:2023
6	Chloride (as Cl) mg/l	89.97	250	1000	IS: 3025 Pt-32:2019
7	Total Dissolved Solids, mg/l	402.00	500	2000	IS: 3025 Pt-16:2023
8	Total Solids, mg/l	422.00	--	--	IS: 3025 Pt-15:2009
9	Conductivity, µS/cm	798.00	--	--	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
Doc. NO. WTL /F/TR/01, Rev- 00

Authorized Signatory

Kishan Singh Adhikari
Designation: Technical Head

Page-1 of 1



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 D.S. International School Village- Bisrakh, Sector-1, Greater Noida (West)	Lab Temperature During Testing	26.3°C
Test Report No.	UPJN/2025-26/B/212	Test Start Date:	16.05.2026
Sample Description	Water Sample From D.S. International School Village- Bisrakh, Sector-1, Greater Noida	Test Completion Date	19.05.2026
Specification	IS 10500:2012 Amendment No. 2	Sample Code No.	UPJN/2025-26/B/212
Sample Packaging	Sample Sealed (01 Litre)	Issued Date	20.05.2026
Environment conditions at Lab During Testing	25°C ± 3°C	Sample collected By	Sh. Man Mohan Sharma

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

Sl.No.	Parameter	Expressed as	Analysed Result	Acceptable Limit	Permissible Limit
1	Sulphate (as SO ₄)	mg/l	36.00	200	400
2	Fluoride (as F)	mg/l	0.26	1.0	1.5
3	Nitrate (as NO ₃)	mg/l	3.90	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
(iii) Up to the limit indicated in the Col-6) in the absence of alternative and better source.
(iv) The water sample is not collected by us
(v) BDL- Below Detection Limit.

-- End of Report --

Reviewed By

Name: Hari Sharan

Designation: Chemist

Authorized Signatory

Name: Kishan Singh Adhikari

Designation: Technical Head