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. 1469 / ग.ग्र.टे-ग्रा / 94 **Dated** 09/09/2026

To,

Principal
Gyan Deep International School
Mahamedha Road, Near Ghari Flats,
Surajpur, Gr. Noida, G. B. 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. - / - / Dated 31.08.2026 the physical & chemical analysis report is enclosed with this letter.

Water Sample From Gyan Deep International School :- 1 No.
Mahamedha Road, Near Ghari Flats, Surajpur, Gr. Noida.

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 Gyan Deep International School Mahamedha Road, Near By Ghari Flats, Surajpur, Gr. Noida, G. B. Nagar.	Lab Temperature During Testing	26.9°C
Test Report No.	UPJN/2025-26/B/235	Test Start Date:	01.09.2026
Sample Description	Water Sample From Gyan Deep International School Mahamedha Road, Near By Ghari Flats, Surajpur, Gr. Noida, G. B. Nagar.	Test Completion Date:	06.09.2026
Specification	IS 10500:2012 Amendment No. 2		
Sample Packaging Details	Sample Sealed (01 Litre)	Issued Date:	07.09.2026
Environment conditions at Lab During Testing	25°C ± 3°C	Sample code	UPJN/2025-26/B/235

Sr. No.	Test Parameters/ Unit	Test Result	Requirement as Per IS 10500:2012		Test Method
			Acceptable Limit	Permissible Limit	
1	pH	7.64	6.50 - 8.50	No Relaxation	IS:3025 Pt-11:2022
2	Turbidity, NTU	0.48	1.0	5.0	IS:3025 Pt-10:2024
3	Total Hardness (as CaCo3) mg/l	104.00	200	600	IS:3025 Pt-21:2023
4	Calcium (as Ca) mg/l	24.04	75	200	IS:3025 Pt-40:2024
5	Magnesium (as Mg) mg/l	10.66	30	100	IS:3025 Pt-46:2023
6	Chloride (as Cl) mg/l	15.99	250	1000	IS:3025 Pt-32:2019
7	Total Dissolved Solids, mg/l	128.00	500	2000	IS:3025 Pt-16:2023
8	Total Solids, mg/l	136.00	--	--	IS:3025 Pt-15:2009
9	Conductivity, µS/cm	238.00	--	--	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

Hasrat Mehmood
Designation: Technical Manager

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 Gyan Deep International School Mahamedha Road, Near By Ghari Flats, Surajpur, Gr. Noida, G. B. Nagar.	**Lab Temperature During Testing**	26.9°C
Test Report No.	UPJN/2025-26/B/235	**Test Start Date:**	01.09.2026
Sample Description	Water Sample From Gyan Deep International School Mahamedha Road, Near By Ghari Flats, Surajpur, Gr. Noida, G. B. Nagar.	**Test Completion Date:**	06.09.2026
Specification	IS 10500:2012 Amendment No. 2		
Sample Packaging Details	Sample Sealed (01 Litre)	Issued Date:	07.09.2026
Environment conditions at Lab During Testing	25°C ± 3°C	Sample collected By	Sh. Gayendra Kumar

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	8.00	200	400
2	Fluoride (as F)	mg/l	0.42	1.0	1.5
3	Nitrate (as NO_3)	mg/l	BDL	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
Doc. NO. WTL/F/TR/01, Rev- 00

Authorized Signatory

Hasrat Mehmood
Designation: Technical Manager