



**DELHI JAL BOARD: GNCTD
ZONAL LABORATORY WTP WAZIRABAD, DELHI-54**



TEST REPORT

Sample ID	Ref. No. D.J.B/DTQC/Wzd/2025-26/Paid-143-144		
Location /Address of Sample	Jyoti Model Sr. Secondary School, C-18, Acharya Kirplani Road, Adarsh Nagar, Delhi-110033		
Letter Reference No.	2025/26-1541	Ref. Letter Date	--
Challan No.	163	Challan Date	27.09.2025
Sample Collection date	03.10.2025	Analysis start date	03.10.2025
Any other Information	--	Analysis end date	05.10.2025
		Reporting date	06.10.2025

TEST RESULTS

S.No	Parameters	Unit	As per the IS 10500		Inlet (Storage tank)	Outlet (Drinking Tap)
			Acceptable limit	Permissible limit		
1	Colour	CU	5(Max)	15(Max)	2.0	2.0
2	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3	Turbidity	NTU	1	5	4.6	1.0
4	pH Value at 27 °C	--	6.5-8.5	No relaxation	7.92	7.14
5	Electrical Conductivity	µS/cm		-	700	45
6	Total Dissolved Solids	mg/L	500(Max)	2000(Max)	455	30
7	Total Alkalinity as CaCO ₃	mg/L	200(Max)	600(Max)	176	6
8	Total Hardness as CaCO ₃	mg/L	200(Max)	600(Max)	124	4
9	Calcium as Ca	mg/L	75(Max)	200(Max)	32	BDL
10	Magnesium as Mg	mg/L	30(Max)	100(Max)	10.6	BDL
11	Iron as Fe	mg/L	1.0(Max)	No relaxation	0.12	0.02
12	Chloride as Cl	mg/L	250(Max)	1000(Max)	58	12
13	Fluoride as F	mg/L	1.0(Max)	1.5(Max)	0.48	0.1
14	Ammonical-Nitrogen	mg/L	0.5(Max)	No relaxation	BDL	BDL
15	Nitrate as NO ₃	mg/L	45(Max)	No relaxation	10.9	0.10
16	Sulphate as SO ₄	mg/L	200(Max)	400(Max)	90.4	3.9
17	Residual Chlorine	mg/L	0.2(Max)	1.0(Max)	BDL	BDL
18	Coliform Count at 37° (MPN)	/100 mL	Absent	No relaxation	0	0

*BDL=Below Detection Limit

End of Report

Remarks: Samples conform specification for the tested parameters and can be considered for drinking purpose.

Jay Sh
Tested by
Lab. Tech.

Dani
Verified for Chemical parameters
Asstt. Chemist

Sharma
Authorized by
Chemist

[Signature]
Verified for MPN
Bacteriologist

ACWA(W2D)

**Asstt. Chief Water Analyst
D.J.B. (Govt. of N.C.T. of Delhi)
Water Works, Wazirabad**