



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



TEST REPORT

Sample ID	Ref. No. D.J.B./DTQC/Wzd./2024-25/Paid-107-108		
Location /Address of Sample	Lions Public School, I-Block, Ashok Vihar, Phase-I, Delhi-110052.		
Letter Reference No.	LPS/F20/MIS/2024-25/081	Ref. Letter Date	23.07.2024
Challan No.	129	Challan Date	24.07.2024
Sample Collection date	25.07.2024	Analysis start date	25.07.2024
Any other Information	--	Analysis end date	28.07.2024
		Reporting date	31.07.2024

TEST RESULTS

S.No.	Parameters	Unit	As per the IS 10500		Inlet (DJB Supply)	Outlet (Drinking water 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	4.0	2.8
4	pH Value	--	6.5-8.5	No relaxation	7.18	7.38
5	Electrical Conductivity	$\mu\text{S/cm}$	-	-	235	215
6	Total Dissolved Solids	mg/L	500(Max)	2000(Max)	152	140
7	Total Alkalinity	mg/L	200(Max)	600(Max)	64	60
8	Total Hardness	mg/L	200(Max)	600(Max)	94	92
9	Calcium as Ca	mg/L	75(Max)	200(Max)	20.8	19.2
10	Magnesium as Mg	mg/L	30(Max)	100(Max)	10	10.6
11	Iron	mg/L	1.0(Max)	No relaxation	0.08	0.06
12	Chloride	mg/L	250(Max)	1000(Max)	16	14
13	Fluoride	mg/L	1.0(Max)	1.5(Max)	0.27	0.24
14	Ammonical-Nitrogen	mg/L	0.5(Max)	No relaxation	BDL	BDL
15	Nitrate	mg/L	45(Max)	No relaxation	8.74	3.32
16	Sulphate	mg/L	200(Max)	400(Max)	16.9	14.7
17	Residual Chlorine	mg/L	0.2 (Min.)	1.0(Max)	0.32	BDL
18	Coliform Count at 37° (MPN)	/100 mL	Absent	No relaxation	0	0

*BDL=Below Detection Limit

-----End of Report-----

Remarks: For the tested parameters water samples conform IS specification and can be considered for drinking purpose.

Tested by
Lab. Tech.

Verified by
Asstt. Chemist

Authorized by
Chemist /ACWA(WZD)