



**DELHI JAL BOARD ;(GOVT. OF N.C.T. DELHI)
QUALITY CONTROL LABORATORY,
WATER TREATMENT PLANT HAIDERPUR,
DELHI-110085**



(ISO Certified 9001:2015)

**THE TEST REPORT IS
FOR THIS PARTICULAR
WATER SAMPLE ONLY**

Water samples collected from: - S1:- DJB stored Water; S2:- After treatment system in the premises of Glorious Public School ,Vidya Marg Sector-09 Rohini, Delhi – 110085 vide challan no. 265 dated 01.03.2025.

S. No.	PARAMETERS	UNITS	B.I.S.10500:2012		S1	S2
			Desirable	Permissible		
1.	Date of Collection	--	---	---	-----04.03.2025-----	
2.	Date of Analysis	--	---	---	-----06.03.2025-----	
3.	Colour	Hazen	5	15	3 C.U	2 C.U
4.	Odour	--	Agreeable		Agreeable	Agreeable
5.	Turbidity	N.T.U.	1.0	5.0	2.48	1.38
6.	p ^H value	--	6.5 to 8.5	N.R.	7.6	7.5
7.	Electrical Conductivity	µmhos/cm	----	----	316.0	303.0
8.	Total Dissolved Solid	(mg/l)	500	2000	205.4	196.65
CHEMICAL EXAMINATION						
9.	Phenolphthalein Alkalinity	(mg/l)	----	----	Nil	Nil
10.	Total Alkalinity	(mg/l)	200	600	90.0	86.0
11.	Total Hardness	(mg/l)	200	600	140.0	136.0
12.	Calcium Hardness	(mg/l)	----	----	98.0	96.0
13.	Magnesium Hardness	(mg/l)	---	----	42.0	40.0
14.	Calcium as Ca	(mg/l)	75	200	39.2	38.4
15.	Magnesium as mg	(mg/l)	30	100	10.08	9.6
16.	Ammonia (as NH ₃ -N)	(mg/l)	0.5	N.R.	ND	ND
17.	Nitrite –Nitrogen (N)	(mg/l)	---	---	ND	ND
18.	Nitrate NO ₃	(mg/l)	45	N.R.	2.97	1.54
19.	Sulphate (SO ₄)	(mg/l)	200	400	28.21	20.11
20.	Chloride (Cl)	(mg/l)	250	1000	12.0	13.0
21.	Iron (Fe)	(mg/l)	0.3	N.R.	0.03	0.02
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.28	0.14
23.	Cyanides (CN)	(mg/l)	0.05	N.R.	ND	ND
24.	Residual Chlorine	(mg/l)	0.2	1.0	1.0	Nil
25.	Coli form per 100 ml at 37 ⁰ c	MPN/100 mL	0		0	0
(S1) & (S2) conform to drinking water						

Remarks: On the basis of tested parameters, water sample 'S1' & 'S2' confirm to drinking water specification IS.10500:2012 and may be used for drinking purpose.

Asstt. Chemist

Chemist/Bacteriologist

A.C.W.A.

C. W. A. (W&S)-II