



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



(ISO Certified 9001:2015)

Water samples collected from: - S1:-DJB Supply; S2:- (After R/O) Water Cooler MCM block of Hansraj Model School Punjabi Bagh, New Delhi-110089 vide challan no. 297 dated 03.02.2026.

S. No.	PARAMETERS	UNITS	B.I.S.10500:2012		S1	S2
			Desirable	Permissible		
1.	Date of Collection	--	---	---	-----07.02.2026-----	
2.	Date of Analysis	--	---	---	-----07.02.2026-----	
3.	Colour	C.U.	5	15	3 C.U	3 C.U
4.	Odour	--	Agreeable		Agreeable	Agreeable
5.	Turbidity	N.T.U.	1.0	5.0	2.92	2.40
6.	pH value	--	6.5 to 8.5	N.R.	7.5	7.4
7.	Electrical Conductivity	µs/cm	----	----	760.0	354.0
8.	Total Dissolved Solid	(mg/l)	500	2000	482.0	230.1
* CHEMICAL EXAMINATION						
9.	Phenolphthalein Alkalinity	(mg/l)	----	----	Nil	Nil
10.	Total Alkalinity	(mg/l)	200	600	242.0	114.0
11.	Total Hardness	(mg/l)	200	600	298.0	152.0
12.	Calcium Hardness	(mg/l)	----	----	122.0	99.0
13.	Magnesium Hardness	(mg/l)	----	----	176.0	53.0
14.	Calcium as Ca	(mg/l)	75	200	48.8	39.6
15.	Magnesium as Mg	(mg/l)	30	100	42.24	12.72
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.	23.68	3.11
19.	Sulphate (SO ₄)	(mg/l)	200	400	33.73	25.88
20.	Chloride (Cl)	(mg/l)	250	1000	74.0	17.0
21.	Iron (Fe)	(mg/l)	1.0	N.R.	0.04	0.03
22.	Fluorides (F)	(mg/l)	1.0	1.5	1.0	0.58
23.	Cyanides (CN)	(mg/l)	0.05	N.R.	ND	ND
24.	Residual Chlorine	(mg/l)	0.2	1.0	1.0	0.15
* BACTERIOLOGICAL EXAMINATION						
25.	Coli form per 100 ml at 37°C	MPN/100 mL	0		0	0

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

[Signature]
 11/2/26
 Asstt. Chemist

[Signature]
 12/2/26
 Chemist/Bacteriologist

[Signature]
 12/2/26
 A.C.W.A. (HP-I)

ATTESTED

[Signature]
 Principal
 Hans Raj Model School
 Punjabi Bagh, New Delhi