

B-8

	DELHI JAL BOARD ; (GOVT. OF N.C.T. DELHI) QUALITY CONTROL LABORATORY, WATER TREATMENT PLANT HAIDERPUR, DELHI-110085.	
	THE TEST REPORT IS FOR THIS PARTICULAR WATER SAMPLE ONLY	

Water samples collected from S1:- DJB Stored Water S2:- Drinking Point in the premises of M.H.D.C. Saraswati Bal Mandir Sec. School .B-1 Janakpuri, New Delhi - 110063 vide challan no. 206 dated 10.12.2024.

S. No.	PARAMETERS	UNITS	B.I.S.10500:2012		S1	S2
			Desirable	Permissible		
1.	Date of Collection	—	---	---	13.01.2025	13.01.2025
2.	Date of Analysis	—	---	---	15.01.2025	15.01.2025
3.	Colour	C.U.	5	15	2 C.U.	2 C.U.
4.	Odour	—	Agreeable		Agreeable	Agreeable
5.	Turbidity	N.T.U.	1.0	5.0	2.72	2.24
6.	p ^H value	—	6.5 to 8.5	N.R.	7.5	7.5
7.	Electrical Conductivity	µmhos/cm	---	---	334.0	324.0
8.	Total Dissolved Solid	(mg/l)	500	2000	217.1	210.6
CHEMICAL EXAMINATION						
9.	Phenolphthalein Alkalinity	(mg/l)	---	---	Nil	Nil
10.	Total Alkalinity	(mg/l)	200	600	100.0	94.0
11.	Total Hardness	(mg/l)	200	600	144.0	137.0
12.	Calcium Hardness	(mg/l)	---	---	98.0	95.0
13.	Magnesium Hardness	(mg/l)	---	---	46.0	42.0
14.	Calcium as Ca	(mg/l)	75	200	39.2	38.0
15.	Magnesium as mg	(mg/l)	30	100	11.04	10.08
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.	4.12	3.27
19.	Sulphate (SO ₄)	(mg/l)	200	400	38.45	34.92
20.	Chloride (Cl)	(mg/l)	250	1000	14.0	13.0
21.	Iron (Fe)	(mg/l)	1.0	N.R.	0.03	0.02
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.38	0.34
23.	Cyanides (CN)	(mg/l)	0.05	N.R.	ND	ND
24.	Residual Chlorine	(mg/l)	0.2	1.0	1.0	0.50
BACTERIOLOGICAL EXAMINATION						
25.	Coli form per 100 ml at 37°C	MPN/100 mL	0	0	0	0

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

Asstt. Chemist

Chemist/Bacteriologist

A.C.W.A.

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

Manager

Principal

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