



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



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

(ISO Certified 9001:2015)

Water samples collected from: - S1:- DJB Water supply; S2:- After R/O in the premises of Titiksha Public School, Sector-11, Rohini Delhi-110085 vide challan no. 81 dated 25.06.2025.

School, Sector-11, Rohini Delhi-110085 vide challan no. 81 dated 25.06. 2025.						
S. No.	PARAMETERS	UNITS	B.I.S.10500:2012		S1	S2
			Desirable	Permissible		
1.	Date of Collection	--	---	---	-----27.06.2025-----	
2.	Date of Analysis	--	---	---	-----29.06.2025-----	
3.	Colour	C.U.	5	15	3 C.U	2 C.U
4.	Odour	--	Agreeable		Agreeable	Agreeable
5.	Turbidity	N.T.U.	1.0	5.0	2.78	2.39
6.	p ^H value	--	6.5 to 8.5	N.R.	7.5	7.4
7.	Electrical Conductivity	µmhos/cm	----	----	235.0	222.0
8.	Total Dissolved Solid	(mg/l)	500	2000	152.75	144.3
*	CHEMICAL EXAMINATION					
9.	Phenolphthalein Alkalinity	(mg/l)	----	----	Nil	Nil
10.	Total Alkalinity	(mg/l)	200	600	66.0	62.0
11.	Total Hardness	(mg/l)	200	600	104.0	82.0
12.	Calcium Hardness	(mg/l)	----	----	69.0	51.0
13.	Magnesium Hardness	(mg/l)	----	----	35.0	31.0
14.	Calcium as Ca	(mg/l)	75	200	27.6	20.4
15.	Magnesium as mg	(mg/l)	30	100	8.4	7.44
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.	2.52	2.07
19.	Sulphate (SO ₄)	(mg/l)	200	400	33.67	29.29
20.	Chloride (Cl)	(mg/l)	250	1000	13.0	14.0
21.	Iron (Fe)	(mg/l)	1.0	N.R.	0.03	0.03
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.32	0.28
23.	Cyanides (CN)	(mg/l)	0.05	N.R.	ND	ND
24.	Residual Chlorine	(mg/l)	0.2	1.0	1.0	Nil
*	BACTERIOLOGICAL EXAMINATION					
25.	Coli form per 100 ml at 37 ⁰ 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.

Asstt. Chemist

Chemist/Bacteriologist

A.C.W.A.

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