



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 supply storage water, S2:- After R.O water, in the premises of Lancer's Convent Senior Secondary School, Prashant Vihar, outer ring road, Rohini, Delhi-85, vide challan no. 57, dated 15.05.2026.

S. No.	PARAMETERS	UNITS	B.I.S.10500:2012		S1	S2
			Desirable	Permissible		
1.	Date of Collection	--	---	---	-----16.05.2026-----	
2.	Date of Analysis	--	---	---	-----16.05.2026-----	
3.	Colour	C.U.	5	15	1.0	1.0
4.	Odour	--	Agreeable		Agreeable	Agreeable
5.	Turbidity	N.T.U.	1.0	5.0	1.36	0.18
6.	pH value	--	6.5 to 8.5	N.R.	7.64	7.54
7.	Electrical Conductivity	µmhos/cm	-----	-----	292.6	119.2
8.	Total Dissolved Solid	(mg/l)	500	2000	190.2	77.5
*	CHEMICAL EXAMINATION					
9.	Phenolphthalein Alkalinity	(mg/l)	-----	-----	Nil	Nil
10.	Total Alkalinity	(mg/l)	200	600	90.2	39.6
11.	Total Hardness	(mg/l)	200	600	131.6	49.4
12.	Calcium Hardness	(mg/l)	-----	-----	9.5	35.8
13.	Magnesium Hardness	(mg/l)	---	-----	36.6	13.6
14.	Calcium as Ca	(mg/l)	75	200	3.8	14.32
15.	Magnesium as mg	(mg/l)	30	100	8.78	3.26
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.	2.26	1.54
19.	Sulphate (SO ₄)	(mg/l)	200	400	37.55	10.5
20.	Chloride (Cl)	(mg/l)	250	1000	9.0	6.0
21.	Iron (Fe)	(mg/l)	1.0	N.R.	ND	ND
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.28	0.15
23.	Cyanides (CN)	(mg/l)	0.05	N.R.	ND	ND
24.	Residual Chlorine	(mg/l)	0.2	1.0	0.50	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' confirms to drinking water specification IS.10500:2012 and may be used for drinking purpose.

Asstt. Chemist

Chemist/Bacteriologist

f A.C.W.A.

