



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:- Outlet of Storage Tank (OHT); S2:- After water Purification system, from the premises of Bharat Shakti Public School, J-51, Krishna Vihar, Delhi-110086, vide challan no. 116, dated 30.06.2026.

S. No.	PARAMETERS	UNITS	B.I.S.10500:2012		S1	S2
			Desirable	Permissible		
1.	Date of Collection	--	---	---	-----04.07.2026-----	
2.	Date of Analysis	--	---	---	-----06.07.2026-----	
3.	Colour	C.U.	5	15	2.0	1.0
4.	Odour	--	Agreeable		Agreeable	Agreeable
5.	Turbidity	N.T.U.	1.0	5.0	1.32	0.10
6.	pH value	--	6.5 to 8.5	N.R.	7.87	7.95
7.	Electrical Conductivity	µmhos/cm	----	----	244.0	244.0
8.	Total Dissolved Solid	(mg/l)	500	2000	159.0	159.0
*	CHEMICAL EXAMINATION					
9.	Phenolphthalein Alkalinity	(mg/l)	----	----	Nil	Nil
10.	Total Alkalinity	(mg/l)	200	600	66.0	67.0
11.	Total Hardness	(mg/l)	200	600	109.0	109.0
12.	Calcium Hardness	(mg/l)	----	----	70.0	71.0
13.	Magnesium Hardness	(mg/l)	---	----	39.0	38.0
14.	Calcium as Ca	(mg/l)	75	200	28.0	28.0
15.	Magnesium as mg	(mg/l)	30	100	9.3	9.1
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.	1.97	1.72
19.	Sulphate (SO ₄)	(mg/l)	200	400	37.72	38.93
20.	Chloride (Cl)	(mg/l)	250	1000	9.0	9.0
21.	Iron (Fe)	(mg/l)	1.0	N.R.	0.85	0.54
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.14	0.02
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 ^o 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



RAJE SINGH NEGI
 CHEMIST (Quality Control Division)
 DELHI JAL BOARD
 GOVT. OF NCT OF DELHI

f A.C.W.A.(HP-I)

