



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 Stored Water; S2:- After Water Purification System in the premises of Bharat Shakti Public School, J-51, Krishan Vihar, Delhi- 110086 vide challan no. 106 dated 18.07.2024.

S. No.	PARAMETERS	UNITS	B.I.S.10500:2012		S1	S2
			Desirable	Permissible		
1.	Date of Collection	--	---	---	30.07.2024	30.07.2024
2.	Date of Analysis	--	---	---	01.08.2024	01.08.2024
3.	Colour	C.U.	5	15	<1C.U.	<1C.U.
4.	Odour	--	Agreeable		Agreeable	Agreeable
5.	Turbidity	N.T.U.	1.0	5.0	2.48	1.48
6.	p ^H value	--	6.5 to 8.5	N.R.	7.5	7.3
7.	Electrical Conductivity	μmhos/cm	----	----	234.0	211.0
8.	Total Dissolved Solid	(mg/l)	500	2000	152.1	137.15
CHEMICAL EXAMINATION						
9.	Phenolphthalein Alkalinity	(mg/l)	----	----	Nil	Nil
10.	Total Alkalinity	(mg/l)	200	600	65.0	44.0
11.	Total Hardness	(mg/l)	200	600	97.0	83.0
12.	Calcium Hardness	(mg/l)	----	----	75.0	55.0
13.	Magnesium Hardness	(mg/l)	---	----	22.0	28.0
14.	Calcium as Ca	(mg/l)	75	200	30.0	22.0
15.	Magnesium as mg	(mg/l)	30	100	5.28	6.72
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.	2.37	ND
19.	Sulphate (SO ₄)	(mg/l)	200	400	32.45	29.88
20.	Chloride (Cl)	(mg/l)	250	1000	16.0	20.0
21.	Iron (Fe)	(mg/l)	1.0	N.R.	0.04	0.01
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.38	0.20
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	0

Remarks: On the basis of tested parameters, water sample 'S1' & 'S2' confirms 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