



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



ACWA HAIDERPUR
 83
 Diary No. 22/11/24
 DELHI

(ISO Certified 9001:2015)

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

Water samples collected from: - S1:- DJB stored water; S2:- After R/O system in the premises of **Sant Nirankari Public School**, Avtar Enclave, Paschim Vihar, Delhi – 110063, vide challan no. 172 dated 24.10.2024.

S. No.	PARAMETERS	UNITS	B.I.S.10500:2012		S1	S2
			Desirable	Permissible		
1.	Date of Collection	--	---	---	05.11.2024	05.11.2024
2.	Date of Analysis	--	---	---	07.11.2024	07.11.2024
3.	Colour	C.U.	5	15	<IC.U.	<IC.U.
4.	Odour	--	Agreeable		Agreeable	Agreeable
5.	Turbidity	N.T.U.	1.0	5.0	1.98	0.99
6.	p ^H value	--	6.5 to 8.5	N.R.	7.5	6.7
7.	Electrical Conductivity	µmhos/cm	----	-----	295.0	48.41
8.	Total Dissolved Solid	(mg/l)	500	2000	191.75	31.46
CHEMICAL EXAMINATION						
9.	Phenolphthalein Alkalinity	(mg/l)	----	----	Nil	Nil
10.	Total Alkalinity	(mg/l)	200	600	102.0	12.0
11.	Total Hardness	(mg/l)	200	600	131.0	13.0
12.	Calcium Hardness	(mg/l)	----	----	89.0	5.0
13.	Magnesium Hardness	(mg/l)	---	----	42.0	8.0
14.	Calcium as Ca	(mg/l)	75	200	35.6	2.0
15.	Magnesium as mg	(mg/l)	30	100	10.08	1.92
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.	1.72	ND
19.	Sulphate (SO ₄)	(mg/l)	200	400	44.28	ND
20.	Chloride (Cl)	(mg/l)	250	1000	11.0	6.0
21.	Iron (Fe)	(mg/l)	1.0	N.R.	0.02	ND
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.28	0.08
23.	Cyanides (CN)	(mg/l)	0.05	N.R.	ND	ND
24.	Residual Chlorine	(mg/l)	0.2	1.0	0.75	Nil
BACTERIOLOGICAL EXAMINATION						
25.	Coli form per 100 ml at 37 ^o c	MPN/100 mL	0	0	0	0

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

C28/07/11/24
 Asstt. Chemist

[Signature]
 Chemist/Bacteriologist

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 21/11/24
 A.C.W.A.

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