

"STOP CORONA VIRUS-Wash Your Hand/Wear Mask/Maintain Social Distance"



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 'S1' : DJB stored water , 'S2' : After R.O system in the premises of Nirankari Public School, Avtar Enclave, Paschim Vihar Delhi -110063 Vide challan no.- 135 Dated 22.06.2023.

S. No.	PARAMETERS	UNITS	B.I.S.10500:2012		S1	S2
			Desirable	Permissible		
1.	Date of Collection	--	---	---	-----26.06.2023-----	
2.	Date of Analysis	--	---	---	-----28.06.2023-----	
3.	Colour	Hazen	5	15	< TC.U	< TC.U
4.	Odour	--	Agreeable		Agreeable	Agreeable
5.	Turbidity	N.T.U.	1.0	5.0	1.83	1.32
6.	p ^H value	--	6.5 to 8.5	N.R.	7.43	7.30
7.	Electrical Conductivity	µmhos/cm	----	----	304.0	196.0
8.	Total Dissolved Solid	(mg/l)	500	2000	197.6	127.4
CHEMICAL EXAMINATION						
9.	Phenolphthalein Alkalinity	(mg/l)	----	----	Nil	Nil
10.	Total Alkalinity	(mg/l)	200	600	57.0	50.0
11.	Total Hardness	(mg/l)	200	600	122.0	70.0
12.	Calcium Hardness	(mg/l)	----	----	82.0	44.0
13.	Magnesium Hardness	(mg/l)	----	----	9.6	26.0
14.	Calcium as Ca	(mg/l)	75	200	32.8	17.6
15.	Magnesium as mg	(mg/l)	30	100	9.6	6.24
16.	Ammonia (free & saline)	(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.	4.78	4.21
19.	Sulphate (SO ₄)	(mg/l)	200	400	45.59	23.76
20.	Chloride (Cl)	(mg/l)	250	1000	32.0	11.0
21.	Iron (Fe)	(mg/l)	0.3	N.R.	0.03	ND
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.42	0.35
23.	Cyanides (CN)	(mg/l)	0.05	N.R.	ND	ND
24.	Residual Chlorine	(mg/l)	0.2	1.0	0.75	Nil
25.	Coli form per 100 ml at 37 ^o c	MPN/100 ml	0		0	0

ND* - Not Deducted

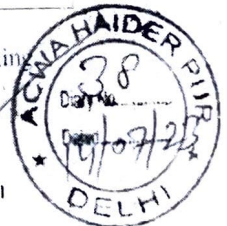
Remarks: On the basis of above tested parameters, water samples 'S1' & 'S2' confirm to drinking water specification IS.10500:2011 and May be used for drinking purpose.

Asstt. Chemist

Chemist/Bacteriologist

A.C.W.A.

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



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