

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

 Delhi Jal Board	<b>DELHI JAL BOARD</b> <b>( GOVT. OF N.C.T. DELHI )</b> <b>QUALITY CONTROL LABORATORY,</b> <b>WATER TREATMENT PLANT HAIDERPUR,</b> <b>DELHI-110085</b> <b>(ISO Certified 9001:2015)</b>	 IS / ISO 9001 BUREAU OF INDIAN STANDARDS OHS
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 Vidya Jain Public School, Sec-6 Rohini Delhi -110085 Vide challan no.- 113 Dated 13.06.2023 .

S. No.	PARAMETERS	UNITS	B.I.S.10500:2012		S1	S2
			Desirable	Permissible		
1.	Date of Collection	--	---	---	-----28.06.2023-----	
2.	Date of Analysis	--	---	---	-----01.07.2023-----	
3.	Colour	Hazen	5	15	< 1C.U	< 1C.U
4.	Odour	--	Agreeable		Agreeable	Agreeable
5.	Turbidity	N.T.U.	1.0	5.0	3.38	0.95
6.	p <sup>H</sup> value	--	6.5 to 8.5	N.R.	7.4	8.0
7.	Electrical Conductivity	µmhos/cm	----	----	251.0	239.0
8.	Total Dissolved Solid	(mg/l)	500	2000	163.15	155.35
<b>CHEMICAL EXAMINATION</b>						
9.	Phenolphthalein Alkalinity	(mg/l)	----	----	Nil	Nil
10.	Total Alkalinity	(mg/l)	200	600	58.4	53.4
11.	Total Hardness	(mg/l)	200	600	104.0	98.0
12.	Calcium Hardness	(mg/l)	----	----	70.0	68.0
13.	Magnesium Hardness	(mg/l)	----	----	34.0	30.0
14.	Calcium as Ca	(mg/l)	75	200	28.0	27.2
15.	Magnesium as mg	(mg/l)	30	100	8.16	7.2
16.	Ammonia (free & saline)	(mg/l)	0.5	N.R.	ND*	ND*
17.	Nitrite –Nitrogen (N)	(mg/l)	---	---	ND*	ND*
18.	Nitrate NO <sub>3</sub>	(mg/l)	45	N.R.	3.44	3.01
19.	Sulphate (SO <sub>4</sub> )	(mg/l)	200	400	41.72	40.70
20.	Chloride (Cl)	(mg/l)	250	1000	13.0	12.0
21.	Iron (Fe)	(mg/l)	0.3	N.R.	0.03	0.03
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.41	1.07
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 <sup>0</sup> 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.10500:2012. Therefore **May be used for drinking purpose.**

Asstt. Chemist *[Signature]*

Chemist/Bacteriologist *[Signature]*

A.C.W.A. *[Signature]*

C. W. S. (W&S)-II *[Signature]*

