



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

 Delhi Jal Board	<b>DELHI JAL BOARD ; ( GOVT. OF N.C.T. DELHI )</b> <b>QUALITY CONTROL LABORATORY,</b> <b>WATER TREATMENT PLANT HAIDERPUR,</b> <b>DELHI-110085</b>	 भारतीय मानक ब्यूरो IS/ISO 9001 BUREAU OF INDIAN STANDARDS QMS
THE TEST REPORT IS FOR THIS PARTICULAR WATER SAMPLE ONLY		
<b>(ISO Certified 9001:2015)</b>		

Water sample collected from S1: DJB stored water & S2: Outlet of RO system in the premises of St. Angel's School, A -Block, sector – 15, Rohini, Delhi – 110089 vide challan No. 243 on dated 22.08.2023.

S. No.	PARAMETERS	UNITS	Limit as per B.I.S.10500:2012		S1	S2
			Acceptable	Permissible		
1.	Date of collection	--	---	---	28.08.2023	28.08.2023
2.	Date of Analysis	--	---	---	30.08.2023	30.08.2023
3.	Colour	C.U.	5	15	<1 CU	<1 CU
4.	Odour	--	Agreeable		Agreeable	Agreeable
5.	Turbidity	N.T.U	1.0	5.0	2.23	1.34
6.	p <sup>H</sup> value	--	6.5 to 8.5	N.R.	7.5	7.0
7.	Electrical Conductivity	µmhos/cm	---	----	258.0	179.0
8.	Total Dissolved Solid	(mg/l)	500	2000	167.7	116.35
<b>CHEMICAL EXAMINATION</b>						
9.	Phenolphthalein Alkalinity	(mg/l)	----	----	Nil	Nil
10.	Total Alkalinity	(mg/l)	200	600	70.0	50.0
11.	Total Hardness	(mg/l)	200	600	108.0	71.0
12.	Calcium Hardness	(mg/l)	200	600	83.0	48.0
13.	Magnesium Hardness	(mg/l)	200	600	25.0	23.0
14.	Calcium as Ca	(mg/l)	75	200	33.2	19.2
15.	Magnesium as mg	(mg/l)	30	100	6.0	5.52
16.	Ammonia (as NH <sub>3</sub> -N)	(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.	3.99	4.59
19.	Sulphate (SO <sub>4</sub> )	(mg/l)	200	400	32.25	24.79
20.	Chloride (Cl)	(mg/l)	250	1000	16.0	11.0
21.	Iron (Fe)	(mg/l)	1.0	N.R.	0.03	0.02
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.18	*N.D.
23.	Cyanides (CN)	(mg/l)	0.05	N.R.	*N.D.	*N.D.
24.	Residual Chlorine	(mg/l)	0.2	1.0	0.75	Nil
<b>BACTERIOLOGICAL EXAMINATION</b>						
25.	Coli form per 100 ml at 37°C	MPN/100 mL	0	0	0	0

\*N.D. - Not Detectable

Remarks: On the basis of above tested parameters, water sample (S1) & (S2) confirms to drinking water specification I.S.10500:2012 and may be used for drinking purpose.

Asstt. Chemist

Chemist/Bacteriologist

**ST. ANGEL'S SCHOOL**  
 (Recognised & Affiliated To C.B.S.E.)  
**A-BLOCK, SECTOR-15**  
**ROHINI, DELHI-110085**

A.C.W.A. St. Angel's School Rohini  
 C.W.A. W&S-II

Manager

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