

**"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 NANGLOI, DELHI-110041**

**आज़ादी का  
अमृत महोत्सव**

Water Samples collected "Krishna Model Secondary School" Old Roshan Pura Extn., Najafgarh, New Delhi - 110043 Vide Challan No. 159 Dated : - 06.07.2023.

S1:- DJB Supply

S2 :- Drinking Point R. O. water

S. No.	Particulars	Units	Limit		S1	S2
			Acceptable	Permissible		
<b>PHYSICAL EXAMINATION</b>						
1.	Date of collection	-----	--	--	14.07.2023	14.07.2023
2.	Date of Analysis	-----	--	--	15.07.2023	15.07.2023
3.	Colour	Hazen	5.0	15	Clear	Clear
4.	Odour	-----	No. Objectionable		No Obj.	No Obj.
5.	Turbidity	N.T.U.	1.0	5.0	2.6	1.2
6.	PH value	-----	6.5	8.5	7.4	7.4
7.	Electrical Conductivity	µmho	--	--	248.2	225.9
8.	Total dissolved solids	mg/l	500	2000	161.33	146.25
<b>CHEMICAL EXAMINATION</b>						
9.	Phenolphthalein Alkalinity	mg/l	--	--	Nil	Nil
10.	Total Alkalinity	mg/l	200	600	81	76
11.	Total Hardness	mg/l	200	600	92	88
12.	Calcium Hardness	mg/l	--	--	67	66
13.	Magnesium Hardness	mg/l	--	--	25	22
14.	Calcium as Ca	mg/l	75	200	26.8	26.4
15.	Magnesium as Mg	mg/l	30	100	6.0	5.28
16.	Ammonia as N	mg/l	0.5	N.R.	NIL	NIL
17.	Nitrite as N	mg/l	---	--	NIL	NIL
18.	Nitrate as No <sub>3</sub>	mg/l	45	N.R.	3.0	3.2
19.	Sulphate	mg/l	200	400	28	26
20.	Chloride	mg/l	250	1000	17	16
21.	Dissolved Iron	mg/l	0.3	N.R.	0.06	0.06
22.	Fluoride	mg/l	1	1.5	0.20	0.18
23.	Cyanide	mg/l	0.05	N.R.	ND	ND
24.	Residual Chlorine	mg/l	0.20	1.0	0.50	NIL
<b>BACTERIOLOGICAL EXAMINATION</b>						
25.	Coli-form per 100 ml at 37°C	MPN	0		0	0

REMARKS : As per tested parameters sample - S1 & S2 can be use for drinking purpose.

*[Signature]*  
Chemist

*[Signature]*  
**Asst. Chief Water Analyst  
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