

"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

75  
आज़ादी का  
अमृत महोत्सव

Water sample collected from "Smarten School" D - Block, Bengall Colony, Najafgarh, New Delhi -110072  
vide challan No- 14 Dated- 20.04.2023.

S. No	Parameter	Units	Limit		SI
			Acceptable	Permissible	
<b>PHYSICAL EXAMINATION</b>					
1.	Date of collection	-----	--	--	24.04.2023
2.	Date of Analysis	-----	--	--	24.04.2023
3.	Colour	Hazen	5.0	15	Clear
4.	Odour	-----	No. Objectionable		No Obj.
5.	Turbidity	N.T.U.	1.0	5.0	1.0
6.	PH value	-----	6.5	8.5	7.0
7.	Electrical Conductivity	µmho	--	--	144.29
8.	Total dissolved solids	mg/l	500	2000	93.6
<b>CHEMICAL EXAMINATION</b>					
9.	p <sup>th</sup> Alkalinity	mg/l	--	--	NIL
10.	Total Alkalinity	mg/l	200	600	22
11.	Total Hardness	mg/l	200	600	30
12.	Calcium Hardness	mg/l	--	--	18
13.	Magnesium Hardness	mg/l	--	--	12
14.	Calcium as Ca	mg/l	75	200	7.2
15.	Magnesium as Mg	mg/l	30	100	2.88
16.	Ammonia as N	mg/l	0.5	N.R.	NIL
17.	Nitrite as N	mg/l	---	--	NIL
18.	Nitrate as No <sub>3</sub>	mg/l	45	N.R.	1.0
19.	Sulphate	mg/l	200	400	10
20.	Chloride	mg/l	250	1000	08
21.	Dissolved Iron	mg/l	0.3	N.R.	0.02
22.	Fluoride	mg/l	1	1.5	0.02
23.	Cyanide	mg/l	0.05	N.R.	ND
24.	Residual Chlorine	mg/l	0.20	1.0	NIL
<b>BACTERIOLOGICAL EXAMINATION</b>					
25.	Coli-form per 100 ml at 37°C	MPN	0		0

Asst. Chief Water Analyst  
D.J.B.  
Diary No. 682  
Date 26/4/23  
Nangloi, Delhi-41

REMARKS : As per tested parameters sample -51 can be use for drinking purpose.

S. S. S. S. S.  
Secondary  
Chemist

26/4/23  
ACWA  
Asst. Chief Water Analyst  
DELHI JAL BOARD  
Govt. of N.C.T. Delhi  
Quality Control Laboratory  
Water Works, Nangloi, Delhi-41