

 DELHI JAL BOARD (GOVT. OF N.C.T. DELHI) QUALITY CONTROL LABORATORY, <u>WATER TREATMENT PLANT NANGLOI, DELHI-110041</u>	 2025 International Year of Cooperatives Cooperatives Build a Better World
--	--

Water sample collected from "Smarten School" D - Block, Bengali Colony, Najafgarh, New Delhi - 110072
 vide challan No- 264 Dated - 28.02.2025.

S1: Stored water at above site

S2: Drinking Point (R.O.) at above site

S. No.	Particulars	Units	Limit		S1	S2
			Acceptable	Permissible		
PHYSICAL EXAMINATION						
1.	Date of collection	-----	--	--	18.03.25	18.03.25
2.	Date of Analysis	-----	--	--	20.03.25	20.03.25
3.	Colour	CU	5.0	15	Clear	Clear
4.	Odour	-----	No. Objectionable		No Obj.	No Obj.
5.	Turbidity	N.T.U.	1.0	5.0	4.4	2.6
6.	PH value	-----	6.5	8.5	7.42	7.36
7.	Electrical Conductivity	µmho/cm	--	--	5100	323.6
8.	Total dissolved solids	mg/l	500	2000	3315	210.34
CHEMICAL EXAMINATION						
9.	Phenolphthalein Alkalinity	mg/l	--	--	NIL	NIL
10.	Total Alkalinity	mg/l	200	600	218	80
11.	Total Hardness	mg/l	200	600	1104	102
12.	Calcium Hardness	mg/l	--	--	436	70
13.	Magnesium Hardness	mg/l	--	--	668	32
14.	Calcium as Ca	mg/l	75	200	174.4	28
15.	Magnesium as Mg	mg/l	30	100	160.3	7.68
16.	Ammonia as N	mg/l	0.5	N.R.	NIL	NIL
17.	Nitrite as N	mg/l	---	--	0.020	NIL
18.	Nitrate as No ₃	mg/l	45	N.R.	36.4	6.4
19.	Sulphate	mg/l	200	400	206	28
20.	Chloride	mg/l	250	1000	1172	48
21.	Dissolved Iron	mg/l	1	N.R.	0.40	0.08
22.	Fluoride	mg/l	1	1.5	0.46	0.24
23.	Cyanide	mg/l	0.05	N.R.	ND	ND
24.	Residual Chlorine	mg/l	0.20(min)	1.0	NIL	NIL
BACTERIOLOGICAL EXAMINATION						
25.	Coli-form per 100 ml at 37°C	MPN	0		35	0

REMARKS: As per tested parameters Samples S-1 can not be used for drinking purpose whereas Sample S-2 can be used for drinking purpose.

Asstt. Chief Water Analyst
 DELHI JAL BOARD
 Govt. of N.C.T. Delhi
 Quality Control Laboratory
 Water Treatment Plant Nangloi, Delhi-41

**THE TEST REPORT IS
 FOR THIS PARTICULAR
 WATER SAMPLE ONLY.**

BACT.

A/CHEMIST