



SAVE WATER, SAVE LIFE



DELHI JAL BOARD (GOVT. OF N.C.T. DELHI)
QUALITY CONTROL LABORATORY,
WATER TREATMENT PLANT BAWANA,
DELHI-110039.

प्रमुख प्रभार
वि. सार्वजनिक वी. प्र.

Water samples collected from Aristotle Public Sr. Sec. School, Main Bus Stand, Qutubgarh, Delhi-110039, vide Challan No. - 310 Dated 25.03.2025.

S1: DJB Supply

S2: Drinking water point in the school premises

S. No.	PARAMETERS	UNITS	Limit as per B.I.S.10500:2012		S1	S2
			Acceptable	Permissible		
1	Date of collection	---	---	---	05.04.2025	05.04.2025
2	Date of Analysis	---	---	---	07.04.2025	07.04.2025
3	Colour	C.U.	5	15	Clear	Clear
4	Odour	--	Agreeable		Agreeable	Agreeable
5	Turbidity	N.T.U	1.0	5.0	1.94	1.89
6	p ^H value	--	6.5 to 8.5	N.R.	7.3	7.2
7	Electrical Conductivity	µmhos/cm	---	---	275.0	270.0
8	Total Dissolved Solid	(mg/l)	500	2000	178.75	175.5
9	CHEMICAL EXAMINATION					
10	Phenolphthalein Alkalinity	(mg/l)	---	---	Nil	Nil
11	Total Alkalinity	(mg/l)	200	600	52.0	52.0
12	Total Hardness	(mg/l)	200	600	88.0	85.0
13	Calcium Hardness	(mg/l)	200	600	61.0	60.0
14	Magnesium Hardness	(mg/l)	200	600	27.0	25.0
15	Calcium as Ca	(mg/l)	75	200	24.4	24.0
16	Magnesium as mg	(mg/l)	30	100	6.48	6.0
17	Ammonia (as NH ₃ -N)	(mg/l)	0.5	N.R.	ND	ND
18	Nitrite -Nitrogen (N)	(mg/l)	---	---	ND	ND
19	Nitrate (NO ₃)	(mg/l)	45	N.R.	2.17	2.08
20	Sulphate (SO ₄)	(mg/l)	200	400	32.17	31.39
21	Chloride (Cl)	(mg/l)	250	1000	20.0	18.0
22	Iron (Fe)	(mg/l)	1.0	N.R.	0.04	0.03
23	Fluorides (F)	(mg/l)	1.0	1.5	0.35	0.32
24	Cyanides (CN)	(mg/l)	0.05	N.R.	Absent	Absent
25	Residual Chlorine	(mg/l)	0.2	1.0	Nil	Nil
26	BACTERIOLOGICAL EXAMINATION					
27	Coli form per 100 ml at 37°C	MPN/100 mL	0		0	0

Remarks: As per above tested parameters, Both Samples S1 and S2 found satisfactory and can be used for drinking purpose after proper disinfection.

Diwya
Asst. Chemist/ Asst. Bacteriologist

Pranav
Chemist/Bacteriologist

Aditya
A.C.W.A. (Bawana)