



**DELHI JAL BOARD ;(GOVT. OF N.C.T. DELHI)
QUALITY CONTROL LABORATORY,
WATER TREATMENT PLANT HAIDERPUR,
DELHI-110085**



(ISO Certified 9001:2015)

THE TEST REPORT IS FOR THIS PARTICULAR WATER SAMPLE ONLY

Water sample collected from DJB Stored water in the premises of Indraprastha convent Sr. Sec. School, Begumpur Rohini Sector-22 Delhi - 110086 vide challan no. 258 dated 15.12.2022

S. No.	PARAMETERS	UNITS	Limit as per B.I.S.10500:2012		S1
			Acceptable	Permissible	
1	Date of collection	--	--	--	19.12.2022
2	Date of Analysis	--	--	--	21.12.2022
3	Colour	C.U	5	15	<1 C.U.
4	Odour	--	Agreeable		Agreeable
5	Turbidity	N.T.U	1.0	5.0	1.46
6	p ^H value	--	6.5 to 8.5	N.R.	7.5
7	Electrical Conductivity	µmhos/cm	--	--	352.0
8	Total Dissolved Solid	(mg/l)	500	2000	228.8
CHEMICAL EXAMINATION					
9	Phenolphthalein Alkalinity	(mg/l)	---	---	Nil
10	Total Alkalinity	(mg/l)	200	600	98.0
11	Total Hardness	(mg/l)	200	600	146.0
12	Calcium Hardness	(mg/l)	200	600	110.0
13	Magnesium Hardness	(mg/l)	200	600	36.0
14	Calcium as Ca	(mg/l)	75	200	44.0
15	Magnesium as mg	(mg/l)	30	100	8.64
16	Ammonia (as NH ₃ -N)	(mg/l)	0.5	N.R.	ND
17	Nitrite -Nitrogen (N)	(mg/l)	--	--	ND
18	Nitrate (NO ₃)	(mg/l)	45	N.R.	2.96
19	Sulphate (SO ₄)	(mg/l)	200	400	31.69
20	Chloride (Cl)	(mg/l)	250	1000	13.0
21	Iron (Fe)	(mg/l)	1.0	N.R.	0.03
22	Fluorides (F)	(mg/l)	1.0	1.5	0.32
23	Cyanides (CN)	(mg/l)	0.05	N.R.	*N.D.
24	Residual Chlorine	(mg/l)	0.2	1.0	0.75
BACTERIOLOGICAL EXAMINATION					
25	Coli form per 100 ml at 37°C	MPN/100 mL	0		0

*N.D. - Not Detectable

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

Asstt. Chemist
22/12/22

Chemist/Bacteriologist
22/12/22

A.C.W.A. (HP- I)

C.W.A. (W&S)-II