



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 samples collected from S1:- DJB Stored Water S2:- Drinking Point in the premises of Jesus Mary Joseph School, G-17, Site-10, Opp. GH-2, Paschim Vihar, New Delhi – 110063 vide challan no. 212 dated 18.12.2024.

S. No.	PARAMETERS	UNITS	B.I.S.10500:2012		S1	S2
			Desirable	Permissible		
1.	Date of Collection	--	---	---	07.01.2025	07.01.2025
2.	Date of Analysis	--	---	---	09.01.2025	09.01.2025
3.	Colour	C.U.	5	15	<1C.U.	<1C.U.
4.	Odour	--	Agreeable		Agreeable	Agreeable
5.	Turbidity	N.T.U.	1.0	5.0	2.12	2.32
6.	p ^H value	--	6.5 to 8.5	N.R.	7.5	7.5
7.	Electrical Conductivity	µmhos/cm	----	----	296.0	297.0
8.	Total Dissolved Solid	(mg/l)	500	2000	192.4	193.05
CHEMICAL EXAMINATION						
9.	Phenolphthalein Alkalinity	(mg/l)	----	----	Nil	Nil
10.	Total Alkalinity	(mg/l)	200	600	93.0	92.0
11.	Total Hardness	(mg/l)	200	600	139.0	136.0
12.	Calcium Hardness	(mg/l)	----	----	97.0	98.0
13.	Magnesium Hardness	(mg/l)	---	----	42.0	38.0
14.	Calcium as Ca	(mg/l)	75	200	38.8	39.2
15.	Magnesium as mg	(mg/l)	30	100	10.08	9.12
16.	Ammonia (as NH ₃ -N)	(mg/l)	0.5	N.R.	ND	ND
17.	Nitrite –Nitrogen (N)	(mg/l)	---	---	ND	ND
18.	Nitrate NO ₃	(mg/l)	45	N.R.	3.61	3.75
19.	Sulphate (SO ₄)	(mg/l)	200	400	42.88	43.19
20.	Chloride (Cl)	(mg/l)	250	1000	12.0	12.0
21.	Iron (Fe)	(mg/l)	1.0	N.R.	0.03	0.02
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.36	0.42
23.	Cyanides (CN)	(mg/l)	0.05	N.R.	ND	ND
24.	Residual Chlorine	(mg/l)	0.2	1.0	1.0	0.50
BACTERIOLOGICAL EXAMINATION						
25.	Coli form per 100 ml at 37°C	MPN/100 mL	0	0	0	0

Remarks: On the basis of tested parameters, water samples 'S1' & 'S2' confirm to drinking water specification IS.10500:2012 & may be used for drinking purpose.

Asstt. Chemist

Chemist/Bacteriologist

A.C.W.A.

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

