



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



(ISO Certified 9001:2015)

Water samples collected from S1:- DJB Supply , S2:- After R/O /filter in the premises of P M Shri Kendriya Vidyalaya Sainik Vihar , Delhi -110034, vide challan no. 24 dated 21.04.2026.

THE TEST REPORT IS
FOR THIS PARTICULAR
WATER SAMPLE ONLY

S. No.	PARAMETERS	UNITS	B.I.S.10500:2012		S1	S2
			Desirable	Permissible		
1.	Date of Collection	--	---	---	22.04.2026	22.04.2026
2.	Date of Analysis	--	---	---	23.04.2026	23.04.2026
3.	Colour	C.U.	5	15	2 C.U	2 C.U
4.	Odour	--	Agreeable		Agreeable	Agreeable
5.	Turbidity	N.T.U.	1.0	5.0	2.11	0.73
6.	pH value	--	6.5 to 8.5	N.R.	7.41	7.73
7.	Electrical Conductivity	µs/cm	----	----	289.2	330.3
8.	Total Dissolved Solid	(mg/l)	500	2000	188.0	214.7
CHEMICAL EXAMINATION						
9.	Phenolphthalein Alkalinity	(mg/l)	----	----	Nil	Nil
10.	Total Alkalinity	(mg/l)	200	600	81.4	86.4
11.	Total Hardness	(mg/l)	200	600	130.6	135.0
12.	Calcium Hardness	(mg/l)	----	----	90.6	98.0
13.	Magnesium Hardness	(mg/l)	----	----	40.0	37.0
14.	Calcium as Ca	(mg/l)	75	200	36.24	39.2
15.	Magnesium as Mg	(mg/l)	30	100	9.6	8.88
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.	1.66	0.51
19.	Sulphate (SO ₄)	(mg/l)	200	400	68.94	2.45
20.	Chloride (Cl)	(mg/l)	250	1000	39.54	47.56
21.	Iron (Fe)	(mg/l)	1.0	N.R.	0.03	0.01
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.60	0.77
23.	Cyanides (CN)	(mg/l)	0.05	N.R.	ND	ND
24.	Residual Chlorine	(mg/l)	0.2	1.0	0.50	Nil
BACTERIOLOGICAL EXAMINATION						
25.	Coli form per 100 ml at 37 ^o c	MPN/100 mL	0	0	0	0

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

Asstt. Chemist

Chemist/Bacteriologist

A.C.W.A.