

 Delhi Jal Board	DELHI JAL BOARD ;(GOVT. OF N.C.T. DELHI) QUALITY CONTROL LABORATORY, WATER TREATMENT PLANT HAIDERPUR, DELHI-110085 (ISO Certified 9001:2015)	 IS / ISO 9001 BUREAU OF INDIAN STANDARDS QMS
 THE TEST REPORT IS FOR THIS PARTICULAR WATER SAMPLE ONLY		

Water sample collected from DJB Stored Water Supply in the premises of **St. Francis de Sales Senior Secondary School, A4-C, Janakpuri, New Delhi-110058**
 vide challan No. 183 Dated 04.03.2024.

S. No.	PARAMETERS	UNITS	Limit as per B.I.S.10500:2012		S1
			Acceptable	Permissible	
1.	Date of collection	--	---	---	13.03.2024
2.	Date of Analysis	--	---	---	15.03.2024
3.	Colour	C.U.	5	15	<1 C.U.
4.	Odour	--	Agreeable		Agreeable
5.	Turbidity	N.T.U	1.0	5.0	2.71
6.	p ^H value	--	6.5 to 8.5	N.R.	7.5
7.	Electrical Conductivity	µmhos/cm	---	---	313.0
8.	Total Dissolved Solid	(mg/l)	500	2000	203.45
CHEMICAL EXAMINATION					
9.	Phenolphthalein Alkalinity	(mg/l)	---	---	Nil
10.	Total Alkalinity	(mg/l)	200	600	105.0
11.	Total Hardness	(mg/l)	200	600	134.0
12.	Calcium Hardness	(mg/l)	200	600	101.0
13.	Magnesium Hardness	(mg/l)	200	600	33.0
14.	Calcium as Ca	(mg/l)	75	200	40.4
15.	Magnesium as mg	(mg/l)	30	100	7.92
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.	2.81
19.	Sulphate (SO ₄)	(mg/l)	200	400	39.31
20.	Chloride (Cl)	(mg/l)	250	1000	16.0
21.	Iron (Fe)	(mg/l)	1.0	N.R.	0.02
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.64
23.	Cyanides (CN)	(mg/l)	0.05	N.R.	ND
24.	Residual Chlorine	(mg/l)	0.2	1.0	1.0
BACTERIOLOGICAL EXAMINATION					
25.	Coli form per 100 ml at 37°C	MPN/100 mL	0		0

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

Kr S
15/3/24
Asstt. Chemist

18/3/24
Chemist/Bacteriologist

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

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


 PRINCIPAL
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