


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



THE TEST REPORT IS FOR THIS PARTICULAR WATER SAMPLE ONLY

(ISO Certified 9001:2015)

Water sample collected from DJB stored Water in the premises of Yuva Shakti Model School, Rama Vihar, New Delhi-110081 vide challan No. 145 Dated 05.02.2024.

S. No.	PARAMETERS	UNITS	Limit as per B.I.S.10500:2012		S1
			Acceptable	Permissible	
1.	Date of collection	--	---	---	14.02.2024
2.	Date of Analysis	--	---	---	16.02.2024
3.	Colour	C.U.	5	15	<1 C.U.
4.	Odour	--	Agreeable		Agreeable
5.	Turbidity	N.T.U	1.0	5.0	2.09
6.	p ^H value	--	6.5 to 8.5	N.R.	7.5
7.	Electrical Conductivity	µmhos/cm	----	-----	331.0
8.	Total Dissolved Solid	(mg/l)	500	2000	215.15
CHEMICAL EXAMINATION					
9.	Phenolphthalein Alkalinity	(mg/l)	----	----	Nil
10.	Total Alkalinity	(mg/l)	200	600	104.0
11.	Total Hardness	(mg/l)	200	600	152.0
12.	Calcium Hardness	(mg/l)	200	600	105.0
13.	Magnesium Hardness	(mg/l)	200	600	47.0
14.	Calcium as Ca	(mg/l)	75	200	42.0
15.	Magnesium as mg	(mg/l)	30	100	11.28
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.	3.12
19.	Sulphate (SO ₄)	(mg/l)	200	400	28.92
20.	Chloride (Cl)	(mg/l)	250	1000	14.0
21.	Iron (Fe)	(mg/l)	1.0	N.R.	0.03
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.36
23.	Cyanides (CN)	(mg/l)	0.05	N.R.	ND
24.	Residual Chlorine	(mg/l)	0.2	1.0	0.50
BACTERIOLOGICAL EXAMINATION					
25.	Coli form per 100 ml at 37 ⁰ 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.

Cal
16/2/24
Asstt. Chemist

Mg'
Chemist/Bacteriologist

[Signature]
A.C.W.A. (HP- I)

[Signature]
C.W.A. (W&S)-II