

"STOP CORONA VIRUS-Wash Your Hand/Wear Mask/Maintain Social Distance"



**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 samples collected from: - S1:- DJB Stored Water; S2:- Drinking Point in the premises of Yuvashakti Model School, Sector-3, Rohini, Delhi – 110085 vide challan no. 246 dated 24.08.2023.

ACWA HAIDERPUR
Diary No. 80
Date: 11/9/23
DELHI

S. No.	PARAMETERS	UNITS	B.I.S.10500:2012		S1	S2
			Desirable	Permissible		
1.	Date of Collection	--	---	---	-----14.09.2023-----	-----18.09.2023-----
2.	Date of Analysis	--	---	---		
3.	Colour	Hazen	5	15	<I.C.U	<I.C.U
4.	Odour	--	Agreeable		Agreeable	Agreeable
5.	Turbidity	N.T.U.	1.0	5.0	1.92	0.92
6.	p ^H value	--	6.5 to 8.5	N.R.	7.6	6.5
7.	Electrical Conductivity	µmhos/cm	----	----	292.0	11.95
8.	Total Dissolved Solid	(mg/l)	500	2000	189.8	7.76
CHEMICAL EXAMINATION						
9.	Phenolphthalein Alkalinity	(mg/l)	----	----	Nil	Nil
10.	Total Alkalinity	(mg/l)	200	600	88.0	4.0
11.	Total Hardness	(mg/l)	200	600	130.0	4.8
12.	Calcium Hardness	(mg/l)	----	----	94.0	2.2
13.	Magnesium Hardness	(mg/l)	----	----	36.0	2.6
14.	Calcium as Ca	(mg/l)	75	200	37.6	0.88
15.	Magnesium as mg	(mg/l)	30	100	8.64	0.62
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.	4.33	0.88
19.	Sulphate (SO ₄)	(mg/l)	200	400	38.76	0.58
20.	Chloride (Cl)	(mg/l)	250	1000	16.0	6.6
21.	Iron (Fe)	(mg/l)	0.3	N.R.	0.03	ND
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.32	0.03
23.	Cyanides (CN)	(mg/l)	0.05	N.R.	ND	ND
24.	Residual Chlorine	(mg/l)	0.2	1.0	0.75	Nil
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 samples 'S1' & 'S2' confirms to drinking water specification IS.10500:2012 and may be used for drinking purpose.

Asstt. Chemist
19/9/23

Chemist/Bacteriologist
19/9/23

A.C.W.A.
20/8-23

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