

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



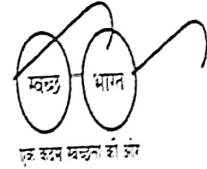
Delhi Jal Board

No.DJB/QCLTYR/PD/230607

DELHI JAL BOARD
(GOVT. OF N.C.T. DELHI)
QUALITY CONTROL LABORATORY,
TRANS YAMUNA REGION TAJIRPUR DELHI-110093



Licence No- CRO/QM/L-8004274 as per IS/ISO 9001:2015



NO: DJB/ACWA(TYR)/2023.....

DATE: - 14-06-2023

Analysis report of DJB supply water samples collected from (1) Inlet (2) Outlet. M/S Arwachin Bharti Bhawan Senior Secondary School Vivek Vihar, Delhi- 110095. for drinking purpose.
Challan No: - 106 dated: - 08-06-2023

Date of collection: - 12-06-2023

S. No.	PARTICULARS	BIS:10500-2012 LIMITS		UNITS	RESULT	
		Desirable	Permissible		(1)	(2)
A. Physical Examination						
1.	Colour	...	...	-	Clear	Clear
2.	Odour	...	...	-	Chlor.	Chlor.
3.	Turbidity	1.0	5.0	NTU	0.50	0.45
4.	pH Value	6.5-8.5	--	-	7.5	7.5
5.	Electrical Conductivity	--	--	µs/cm	252	253
6.	Total Dissolved Solids	500	2000	mg/l	164	164
B. Chemical Examination						
7.	P ^h Alkalinity	45	NO RELAXATION	mg/l	NIL	NIL
8.	Total Alkalinity	200	600	mg/l	64	66
9.	Total Hardness	200	600	mg/l	82	84
10.	Calcium Hardness	....	....	mg/l	62	66
11.	Magnesium Hardness	....	....	mg/l	20	18
12.	Calcium as (Ca)	75	200	mg/l	24.8	26.4
13.	Magnesium as (Mg)	30	100	mg/l	4.80	4.32
14.	Ammonical Nitrogen	0.5	NO RELAXATION	mg/l	N.D	N.D
15.	Nitrite	....	....	mg/l	N.D	N.D
16.	Nitrate	45	NO RELAXATION	mg/l	1.68	1.54
17.	Sulphate	200	400	mg/l	26.24	27.50
18.	Chloride	250	1000	mg/l	22	22
19.	Fluoride	1.0	1.5	mg/l	0.16	0.11
20.	Total Iron	1.0	NO RELAXATION	mg/l	0.10	0.08
21.	Cyanide	0.05	NO RELAXATION	mg/l	N.D.	N.D.
22.	Residual Chlorine	0.2	1.0	mg/l	0.94	0.91
C. Bacteriological Examination						
23.	Coliform count	Absent	NO RELAXATION	MPN/100ml	0	0

REMARKS:- On the basis of above tested parameters, both water samples conforms BIS: 10500-2012 and can be Considered fit for drinking purpose.

14/06/2023
ACHEMIST

14/06/2023
CHEMIST

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