

ACWA-TYR

Diary No. 1061 dt. 25/09/24

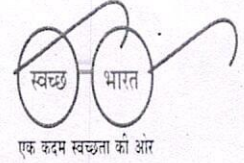


No.DJB/QCLTYR/PD/240905

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



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



NO: DJB/ACWA(TYR)/2024.....

DATE:- 20-09-2024

Analysis report of DJB water samples collected from (1)Inlet, (2)Outlet of M/S ARWACHIN
BHARTI BHAWAN SR. SEC. SCHOOL, VIVEK VIHAR, DELHI-110095, for drinking purpose.

Ref. No. ABBS/SSS/VV/2024-25/7703, dated : - 19.07.2024

Challan No: - 127, dated: - 22.07.2024

Date of collection : 18-09-2024

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	1.31	1.46
4.	pH Value	6.5-8.5	--	-	7.5	7.5
5.	Electrical Conductivity	--	--	µs/cm	231	230
6.	Total Dissolved Solids	500	2000	mg/l	150	149
B.	Chemical Examination					
7.	P ^h Alkalinity	...	...	mg/l	NIL	NIL
8.	Total Alkalinity	200	600	mg/l	84	84
9.	Total Hardness	200	600	mg/l	98	94
10.	Calcium as (Ca)	75	200	mg/l	27.2	27.2
11.	Magnesium as (Mg)	30	100	mg/l	7.20	6.24
12.	Ammonical Nitrogen	0.5	NR	mg/l	N.D	N.D
13.	Nitrite	....	....	mg/l	N.D	N.D
14.	Nitrate	45	NR	mg/l	2.32	2.20
15.	Sulphate	200	400	mg/l	28.64	28.89
16.	Chloride	250	1000	mg/l	12	12
17.	Fluoride	1.0	1.5	mg/l	0.04	0.05
18.	Total Iron	1.0	NR	mg/l	0.08	0.09
19.	Cyanide	0.05	NR	mg/l	N.D	N.D
20.	Residual Chlorine	0.2	1.0	mg/l	0.70	0.60
C.	Bacteriological Examination					
21.	Coliform count	Absent	NR	MPN/100ml	0	0

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

(B.K Verma)
ACWA(TYR)

Asstt. Chief Water Analyst

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