

ACWA-TYR

Diary No. 774 dt. 03-06-2024



No.DJB/QCLTYR/PD/240601

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



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



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

DATE: - 01-06-2024

Analysis report of water samples collected from (1) Inlet (2) Outlet of M/S The Samarth School  
Main Wazirabad Road, East of Loni Road, Delhi-93, for drinking purpose.

Ref. No- TSSWR/2024-25/658,

dated: - 18/04/2024

Challan No: - 44,

dated: - 22/04/2024

Date of collection : 30-05-2024

S. No.	PARTICULARS	BIS:10500-2012 LIMITS		UNITS	RESULT	
		Desirable	Permissible		(1)	(2)
<b>A. Physical Examination</b>						
1.	Colour	...	...	-	Clear	Clear
2.	Odour	...	...	-	Chlor	Chlor
3.	Turbidity	1.0	5.0	NTU	1.89	1.34
4.	pH Value	6.5-8.5	--	-	7.6	7.6
5.	Electrical Conductivity	--	--	µs/cm	309	297
6.	Total Dissolved Solids	500	2000	mg/l	201	193
<b>B. Chemical Examination</b>						
7.	P <sup>h</sup> Alkalinity	...	...	mg/l	NIL	NIL
8.	Total Alkalinity	200	600	mg/l	88	98
9.	Total Hardness	200	600	mg/l	98	98
10.	Calcium as (Ca)	75	200	mg/l	30.4	30.4
11.	Magnesium as (Mg)	30	100	mg/l	5.28	5.28
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	2.48	2.28
15.	Sulphate	200	400	mg/l	32.45	27.75
16.	Chloride	250	1000	mg/l	26	26
17.	Fluoride	1.0	1.5	mg/l	0.18	0.20
18.	Total Iron	1.0	NR	mg/l	0.11	0.08
19.	Cyanide	0.05	NR	mg/l	N.D	N.D
20.	Residual Chlorine	0.2	1.0	mg/l	0.71	0.40
<b>C. Bacteriological Examination</b>						
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.

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This Report  
Pertains To  
The Particular  
Sample Only