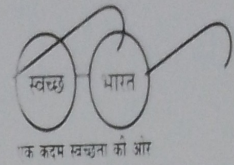




DELHI JAL BOARD
(GOVT. OF N.C.T. DELHI)
QUALITY CONTROL LABORATORY,
WATER TREATMENT PLANT NANGLOI , DELHI-110041



Water Samples collected from "Adarsh World School" Sec - 12, Phase - I, Dwarka, New Delhi-110075
Vide Challan No. 388 Dated: - 18.12.2023.

S1:- DJB Supply

S2 :- RO Drinking Point

S. No.	Particulars	Units	Limit		S1	S2
			Acceptable	Permissible		
PHYSICAL EXAMINATION						
1.	Date of collection	-----	--	--	21.12.23	21.12.23
2.	Date of Analysis	-----	--	--	22.12.23	22.12.23
3.	Colour	Hazen	5.0	15	Clear	Clear
4.	Odour	-----	No. Objectionable		No Obj.	No Obj.
5.	Turbidity	N.T.U.	1.0	5.0	1.23	1.18
6.	PH value	-----	6.5	8.5	7.58	7.2
7.	Electrical Conductivity	µmho	--	--	313.4	231.1
8.	Total dissolved solids	mg/l	500	2000	203.71	150.2
CHEMICAL EXAMINATION						
9.	Phenolphthalein Alkalinity	mg/l	--	--	Nil	Nil
10.	Total Alkalinity	mg/l	200	600	114	88
11.	Total Hardness	mg/l	200	600	150	93
12.	Calcium Hardness	mg/l	--	--	100	65
13.	Magnesium Hardness	mg/l	--	--	50	28
14.	Calcium as Ca	mg/l	75	200	40	26
15.	Magnesium as Mg	mg/l	30	100	12	6.72
16.	Ammonia as N	mg/l	0.5	N.R.	NIL	NIL
17.	Nitrite as N	mg/l	---	--	NIL	NIL
18.	Nitrate as NO ₃	mg/l	45	N.R.	2.2	2.0
19.	Sulphate	mg/l	200	400	18	12
20.	Chloride	mg/l	250	1000	16	12
21.	Dissolved Iron	mg/l	0.3	N.R.	0.08	0.04
22.	Fluoride	mg/l	1	1.5	0.16	0.12
23.	Cyanide	mg/l	0.05	N.R.	ND	ND
24.	Residual Chlorine	mg/l	0.20	1.0	0.50	NIL
BACTERIOLOGICAL EXAMINATION						
25.	Coli-form per 100 ml at 37°C	MPN	0		0	0

REMARKS: As per tested parameters sample - S1 & S2 can be used for drinking purpose.

Schander
Asstt. ACWA
DELHI JAL BOARD
Govt. of N.C.T. Delhi
Quality Control Laboratory
Water Works Nangloi, Delhi-41

[Signature]
BACT.

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A/CHEMIST