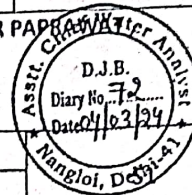




DELHI JAL BOARD
(GOVT. OF N.C.T. DELHI)
QUALITY CONTROL LABORATORY,
WATER TREATMENT PLANT NANGLOI, DELHI-110041

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आज़ादी का
अमृत महोत्सव

Water sample collected from " RAO BRIJ MOHAN PUBLIC SCHOOL " PLOT NO 07 BRIJ VIHAR PAPRA, NAJAFGARH, New Delhi 110043 vide challan no. 169 Dt-26.02.2024.
S1 :- Drinking point at above site.



S. No	Parameter	Units	Limit		Date of Collection Nangloi, Delhi-44
			Acceptable	Permissible	
PHYSICAL EXAMINATION					
1.	Date of collection	-----	--	--	28.02.2024
2.	Date of Analysis	-----	--	--	29.02.2024
3.	Colour	Hazen	5.0	15	CLEAR
4.	Odour	-----	No. Objectionable		N/O
5.	Turbidity	N.T.U.	1.0	5.0	1.04
6.	PH value	-----	6.5	8.5	7.10
7.	Electrical Conductivity	µmho	--	--	171.3
8.	Total dissolved solids	mg/l	500	2000	111.3
CHEMICAL EXAMINATION					
9.	p th Alkalinity	mg/l	--	--	NIL
10.	Total Alkalinity	mg/l	200	600	30
11.	Total Hardness	mg/l	200	600	38
12.	Calcium Hardness	mg/l	--	--	18
13.	Magnesium Hardness	mg/l	--	--	20
14.	Calcium as Ca	mg/l	75	200	7.2
15.	Magnesium as Mg	mg/l	30	100	4.8
16.	Ammonia as N	mg/l	0.5	N.R.	NIL
17.	Nitrite as N	mg/l	---	--	NIL
18.	Nitrate as NO ₃	mg/l	45	N.R.	-
19.	Sulphate	mg/l	200	400	8
20.	Chloride	mg/l	250	1000	20
21.	Dissolved Iron	mg/l	0.3	N.R.	0.02
22.	Fluoride	mg/l	1	1.5	0.08
23.	Cyanide	mg/l	0.05	N.R.	Abs.
24.	Residual Chlorine	mg/l	0.20	1.0	NIL
BACTERIOLOGICAL EXAMINATION					
25.	Coli-form per 100 ml at 37°C	MPN	0		0

REMARKS: As per tested parameters Sample S-1 can be use for drinking purpose .

Asst. Chief Water Analyst
ACW, DELHI JAL BOARD
Govt. of N.C.T. Delhi
Quality Control Laboratory
Water Works Nangloi, Delhi-41

BACTERIOLOGIST

A/CHEMIST