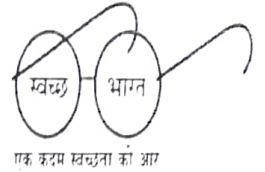




DELHI JAL BOARD
(GOVT. OF N.C.T. DELHI)
QUALITY CONTROL LABORATORY,
WATER TREATMENT PLANT NANGLOI , DELHI-110041



Water Samples collected from "Kamal Model Sr. Sec. School" K-1 Extn, Mohan Garden, New Delhi - 110059 Vide challan no:-202 dated:- 14.03.2024
S1:- Drinking Point (RO) at above site.

S. No	Parameter	Units	Limit		S1
			Acceptable	Permissible	
PHYSICAL EXAMINATION					
1.	Date of collection	-----	--	--	15.03.2024
2.	Date of Analysis	-----	--	--	17.03.2024
3.	Colour	Hazen	5.0	15	Clear
4.	Odour	-----	No. Objectionable		No Obj.
5.	Turbidity	N.T.U.	1.0	5.0	1.03
6.	PH value	-----	6.5	8.5	6.8
7.	Electrical Conductivity	µmho	--	--	145.3
8.	Total dissolved solids	mg/l	500	2000	94.44
CHEMICAL EXAMINATION					
9.	P th Alkalinity	mg/l	--	--	NIL
10.	Total Alkalinity	mg/l	200	600	32
11.	Total Hardness	mg/l	200	600	60
12.	Calcium Hardness	mg/l	--	--	22
13.	Magnesium Hardness	mg/l	--	--	38
14.	Calcium as Ca	mg/l	75	200	8.80
15.	Magnesium as Mg	mg/l	30	100	9.12
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	08
20.	Chloride	mg/l	250	1000	24
21.	Dissolved Iron	mg/l	0.3	N.R.	0.04
22.	Fluoride	mg/l	1	1.5	0.10
23.	Cyanide	mg/l	0.05	N.R.	ND
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 -S1 can be used for drinking purpose.

ACWA

BACT.

A/CHEMIST