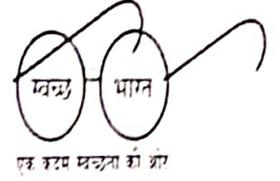




DELHI JAL BOARD  
( GOVT. OF N.C.T. DELHI )  
QUALITY CONTROL LABORATORY,  
WATER TREATMENT PLANT NANGLOI , DELHI-110041



Water Samples collected from "Columbia Junior School" F-83A, Vikas puri, New Delhi – 110018 Vide challan no:-170 dated:- 29.02.2024  
S1:- Drinking Point at above site.

S. No	Parameter	Units	Limit		S1
			Acceptable	Permissible	
<b>PHYSICAL EXAMINATION</b>					
1.	Date of collection	-----	--	--	06.03.2024
2.	Date of Analysis	-----	--	--	09.03.2024
3.	Colour	Hazen	5.0	15	Clear
4.	Odour	-----	No. Objectionable		No Obj.
5.	Turbidity	N.T.U.	1.0	5.0	1.10
6.	PH value	-----	6.5	8.5	7.46
7.	Electrical Conductivity	µmho	--	--	306.3
8.	Total dissolved solids	mg/l	500	2000	199.09
<b>CHEMICAL EXAMINATION</b>					
9.	P <sup>th</sup> Alkalinity	mg/l	--	--	NIL
10.	Total Alkalinity	mg/l	200	600	96
11.	Total Hardness	mg/l	200	600	148
12.	Calcium Hardness	mg/l	--	--	91
13.	Magnesium Hardness	mg/l	--	--	57
14.	Calcium as Ca	mg/l	75	200	36.4
15.	Magnesium as Mg	mg/l	30	100	13.68
16.	Ammonia as N	mg/l	0.5	N.R.	NIL
17.	Nitrite as N	mg/l	---	--	NIL
18.	Nitrate as No <sub>3</sub>	mg/l	45	N.R.	-
19.	Sulphate	mg/l	200	400	12.0
20.	Chloride	mg/l	250	1000	14.0
21.	Dissolved Iron	mg/l	0.3	N.R.	0.06
22.	Fluoride	mg/l	1	1.5	0.18
23.	Cyanide	mg/l	0.05	N.R.	ND
24.	Residual Chlorine	mg/l	0.20	1.0	NIL
<b>BACTERIOLOGICAL EXAMINATION</b>					
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  
Asstt. Chief Water Analyst  
DELHI JAL BOARD  
Govt. of N.C.T. Delhi  
Quality Control Laboratory  
Water Works Nangloi, Delhi-41

  
BACT.

  
A/CHEMIST