

 Delhi Jal Board	DELHI JAL BOARD ;(GOVT. OF N.C.T. DELHI) QUALITY CONTROL LABORATORY, WATER TREATMENT PLANT HAIDERPUR, DELHI-110085. THE TEST REPORT IS FOR THIS PARTICULAR WATER SAMPLE ONLY	 एक कदम स्वच्छता की ओर
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Water sample collected from drinking point (R/o) in the premises of **DAFFODIL PUBLIC SCHOOL**, a Senior Secondary English Medium School, Prem Colony, Bawana Road, Narela, Delhi - 110040 vide challan no. - 167 dated- 15.11.2021.

S. No.	PARAMETERS	UNITS	Limit as per B.I.S.10500:2012		S1
			Acceptable	Permissible	
1.	Date of collection	--	---	---	03.12.2021
2.	Date of Analysis	--	---	---	05.12.2021
3.	Colour	Hazen	5	15	Clear
4.	Odour	--	Agreeable		Agreeable
5.	Turbidity	N.T.U	1.0	5.0	0.88
6.	p ^H value	--	6.5 to 8.5	N.R.	7.4
7.	Electrical Conductivity	µmhos/cm	----	-----	102.10
8.	Total Dissolved Solid	(mg/l)	500	2000	66.36
CHEMICAL EXAMINATION					
9.	Phenolphthalein Alkalinity	(mg/l)	----	----	Nil
10.	Total Alkalinity	(mg/l)	200	600	32.4
11.	Total Hardness	(mg/l)	200	600	40.4
12.	Calcium Hardness	(mg/l)	200	600	26.2
13.	Magnesium Hardness	(mg/l)	200	600	14.2
14.	Calcium as Ca	(mg/l)	75	200	10.48
15.	Magnesium as mg	(mg/l)	30	100	3.41
16.	Ammonia (as NH ₃ -N)	(mg/l)	0.5	N.R.	ND*
17.	Nitrite –Nitrogen (N)	(mg/l)	---	---	ND*
18.	Nitrate (NO ₃)	(mg/l)	45	N.R.	3.09
19.	Sulphate (SO ₄)	(mg/l)	200	400	15.16
20.	Chloride (Cl)	(mg/l)	250	1000	14.0
21.	Iron (Fe)	(mg/l)	1.0	N.R.	0.02
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.32
23.	Cyanides (CN)	(mg/l)	0.05	N.R.	*ND
24.	Residual Chlorine	(mg/l)	0.2	1.0	Nil
BACTERIOLOGICAL EXAMINATION					
25.	Coli form per 100 ml at 37°C	MPN/100 mL	0		0

*N.D. - Not Detectable

Remarks: On the basis of tested parameters, water sample (S1) confirms to drinking water specification I.S.10500:2012 and may be used for drinking purpose.



Asstt. Chemist

Chemist/Bacteriologist

A.C.W.A. (HP- I)

C.W.A. (W&S)-II