

"STOP CORONA VIRUS-Wash Your Hand/Wear Mask/Maintain Social Distance"



**DELHI JAL BOARD**  
**( GOVT. OF N.C.T. DELHI )**  
**QUALITY CONTROL LABORATORY,**  
**WATER TREATMENT PLANT HAIDERPUR,**  
**DELHI-110085**



**(ISO Certified 9001:2015)**

**THE TEST REPORT IS FOR THIS PARTICULAR WATER SAMPLE ONLY**

Samples collected from 'S1' DIB water supply in the premises of Brilliants convent, Affiliation No- 2730565 CBSE, School Code- 85223, School ID- 1411205, West Enclave Pitampura, New Delhi 110085 against Vide Challan no. - 12 on dated 17.04.2023.

S. No.	PARAMETERS	UNITS	I.S.10500:2012		S1
			Desirable	Permissible	
1.	Date of Collection	--	---	---	02.05.2023
2.	Date of Analysis	--	---	---	04.05.2023
3.	Colour	Colour unit	5	15	< I.C.U
4.	Odour	--	Agreeable		Agreeable
5.	Turbidity	N.T.U.	1.0	5.0	1.92
6.	pH value	--	6.5 to 8.5	N.R.	7.51
7.	Electrical Conductivity	µs/cm	----	-----	244.0
8.	Total Dissolved Solid	(mg/l)	500	2000	158.60
<b>CHEMICAL EXAMINATION</b>					
9.	Phenolphthalein Alkalinity	(mg/l)	----	----	Nil
10.	Total Alkalinity	(mg/l)	200	600	74.0
11.	Total Hardness	(mg/l)	200	600	113.0
12.	Calcium Hardness	(mg/l)	----	----	81.0
13.	Magnesium Hardness	(mg/l)	---	----	32.0
14.	Calcium as Ca	(mg/l)	75	200	32.4
15.	Magnesium as mg	(mg/l)	30	100	7.68
16.	Ammonia (free & saline)	(mg/l)	0.5	N.R.	ND
17.	Nitrite-Nitrogen (N)	(mg/l)	---	---	ND
18.	Nitrate NO <sub>3</sub>	(mg/l)	45	N.R.	1.93
19.	Sulphate (SO <sub>4</sub> )	(mg/l)	200	400	30.19
20.	Chloride (Cl)	(mg/l)	250	1000	13.0
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	1.0
25.	Coll form per 100 ml at 37°C	MPN/100 ml	0		0

**Remarks:** On the basis of tested parameters, water samples 'S1' confirm to drinking water specification IS.10500:2012 and may be used for drinking purpose.

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