

"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

Water sample collected after R/O system in the premises of Ganga International School,  
Gurgaon, Ghevra-Nizampur Road, New Delhi - 110081 vide challan no. 145 dated 22.08.2022.

S. No.	PARAMETERS	UNITS	Limit as per B.I.S. 10500:2012		SI
			Acceptable	Permissible	
1.	Date of collection	--	---	---	26.08.2022
2.	Date of Analysis	--	---	---	28.08.2022
3.	Colour	C.U.	5	15	<1 C.U.
4.	Odour	--	Agreeable		Agreeable
5.	Turbidity	N.T.U	1.0	5.0	0.91
6.	p <sup>H</sup> value	--	6.5 to 8.5	N.R.	7.2
7.	Electrical Conductivity	µmhos/cm	---	---	144.0
8.	Total Dissolved Solid	(mg/l)	500	2000	73.44
<b>CHEMICAL EXAMINATION</b>					
9.	Phenolphthalein Alkalinity	(mg/l)	---	---	Nil
10.	Total Alkalinity	(mg/l)	200	600	45.0
11.	Total Hardness	(mg/l)	200	600	62.0
12.	Calcium Hardness	(mg/l)	200	600	49.0
13.	Magnesium Hardness	(mg/l)	200	600	13.0
14.	Calcium as Ca	(mg/l)	75	200	19.6
15.	Magnesium as mg	(mg/l)	30	100	3.12
16.	Ammonia (as NH <sub>3</sub> -N)	(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.	1.16
19.	Sulphate (SO <sub>4</sub> )	(mg/l)	200	400	18.32
20.	Chloride (Cl)	(mg/l)	250	1000	9.0
21.	Iron (Fe)	(mg/l)	1.0	N.R.	0.02
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.17
23.	Cyanides (CN)	(mg/l)	0.05	N.R.	*N.D.
24.	Residual Chlorine	(mg/l)	0.2	1.0	Nil
<b>BACTERIOLOGICAL EXAMINATION</b>					
25.	Coli form per 100 ml at 37°C	MPN/100 mL	0		0

\*N.D. - Not Detectable

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

*[Signature]*  
Asstt. Chemist

*[Signature]*  
Chemist/Bacteriologist

*[Signature]*  
A.C.W.A. (HP- I)

*[Signature]*  
C.W.A. (W&S)-II