

STOP CORONA: 1. WASH YOUR HANDS 2. WEAR MASK 3. MAINTAIN SOCIAL DISTANCE

DELHI JAL BOARD  
(Govt. of N.C.T. Delhi)  
ZONAL LABORATORY, WATER WORKS,  
HAIDER PUR, DELHI - 110055.



TEST REPORT

Water sample collected from Tap in the premises of Adrial High School, Pocket-2,  
Sector-24, New Delhi-85, Vide Challan no. - 130 dated 03.12.2020

S. No	PARAMETERS	UNITS	Limit as per I.S. 10500:2012		SI
			Acceptable	Permissible	
1	Date of collection				04.12.2020
2	Date of Analysis				06.12.2020
3	Colour	Hazen	5	15	Clear
4	Odour		No Objectable		No Obj.
5	Turbidity	N.T.U	1.0	5.0	1.24
6	p <sup>H</sup> value		6.5 to 8.5	N.R.	7.5
7	Electrical Conductivity	umhos/cm	—	—	245.0
8	Total Dissolved Solid	(mg/l)	500	2000	159.29
<b>CHEMICAL EXAMINATION</b>					
9	Phenolphthalein Alkalinity	(mg/l)	—	—	Nil
10	Total Alkalinity	(mg/l)	200	600	83.0
11	Total Hardness	(mg/l)	200	600	120.0
12	Calcium Hardness	(mg/l)	200	600	84.0
13	Magnesium Hardness	(mg/l)	200	600	36.0
14	Calcium as Ca	(mg/l)	75	200	33.5
15	Magnesium as mg	(mg/l)	30	100	8.64
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.	2.42
19	Sulphate (SO <sub>4</sub> )	(mg/l)	200	400	29.30
20	Chloride (Cl)	(mg/l)	250	1000	11.0
21	Iron (Fe)	(mg/l)	0.3	N.R.	0.03
22	Fluorides (F)	(mg/l)	1.0	1.5	0.35
23	Cyanides (CN)	(mg/l)	0.05	N.R.	*N.D.
24	Residual Chlorine	(mg/l)	0.2	1.0	1.0
<b>BACTERIOLOGICAL EXAMINATION</b>					
25	Coli form per 100 ml at 37°C	NPN/100 ml		0	0

\*N.D. - Not Detectable  
Remarks: On the basis of tested parameters, water sample (SI) conforms to drinking water specification I.S. 10500:2012 and may be used for drinking purpose.

CWA (M&S)-II

A.C. V.S. (M&S)

Chemist/Bacteriologist

Asstt. Chemist