



**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**



Water sample collected from DJB tanker supply Water in the premises of **Yuva Shakti Model School,** Rama Vihar, Delhi - 81 vide Challan no. - 191 on dated 25.02.2021.

S. No.	PARAMETERS	UNITS	Limit as per B.I.S.10500:2012		S1
			Acceptable	Permissible	
1.	Date of collection	--	---	---	05.03..2021
2.	Date of Analysis	--	---	---	08.03.2021
3.	Colour	Hazen	5	15	Clear
4.	Odour	--	Agreeable		Agreeable
5.	Turbidity	N.T.U	1.0	5.0	1.02
6.	p <sup>H</sup> value	--	6.5 to 8.5	N.R.	7.7
7.	Electrical Conductivity	µmhos/cm	----	----	237.0
8.	Total Dissolved Solid	(mg/l)	500	2000	154.05
<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	123.0
12.	Calcium Hardness	(mg/l)	200	600	85.0
13.	Magnesium Hardness	(mg/l)	200	600	38.0
14.	Calcium as Ca	(mg/l)	75	200	34.0
15.	Magnesium as mg	(mg/l)	30	100	9.12
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.	2.16
19.	Sulphate (SO <sub>4</sub> )	(mg/l)	200	400	36.30
20.	Chloride (Cl)	(mg/l)	250	1000	12.0
21.	Iron (Fe)	(mg/l)	1.0	N.R.	0.02
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.36
23.	Cyanides (CN)	(mg/l)	0.05	N.R.	ND
24.	Residual Chlorine	(mg/l)	0.2	1.0	0.50
<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 tested parameters, water sample (S1) confirms to drinking water specification I.S.10500:2012 and may be used for drinking purpose.

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

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

Chemist/Bacteriologist

Asstt. Chemist.