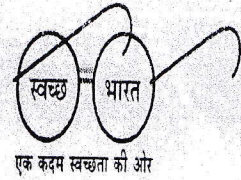




DELHI JAL BOARD
(GOVT. OF N.C.T. DELHI)
QUALITY CONTROL LABORATORY,
WATER TREATMENT PLANT HAIDERPUR, DELHI-110085.



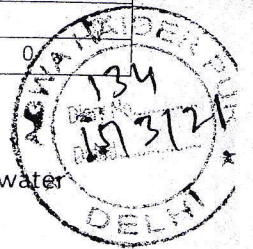
**THE TEST REPORT IS
FOR THIS PARTICULAR
WATER SAMPLE ONLY**

Water sample collected from DJB Supply water in the premises of Yuva Shakti Model School, Sector- 03, Rohini, Delhi- 110085, Vide challan no.- 203 dated 04.03.2021.

S. No.	PARAMETERS	UNITS	Limit as per B.I.S.10500:2012		S1
			Acceptable	Permissible	
1.	Date of collection	--	---	---	09.03..2021
2.	Date of Analysis	--	---	---	11.03.2021
3.	Colour	Hazen	5	15	Clear
4.	Odour	--	Agreeable		Agreeable
5.	Turbidity	N.T.U	1.0	5.0	1.02
6.	p ^H value	--	6.5 to 8.5	N.R.	7.5
7.	Electrical Conductivity	µmhos/cm	---	---	237.0
8.	Total Dissolved Solid	(mg/l)	500	2000	154.05
CHEMICAL EXAMINATION					
9.	Phenolphthalein Alkalinity	(mg/l)	---	---	Nil
10.	Total Alkalinity	(mg/l)	200	600	80.0
11.	Total Hardness	(mg/l)	200	600	120.0
12.	Calcium Hardness	(mg/l)	200	600	81.0
13.	Magnesium Hardness	(mg/l)	200	600	39.0
14.	Calcium as Ca	(mg/l)	75	200	32.4
15.	Magnesium as mg	(mg/l)	30	100	9.36
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.	2.03
19.	Sulphate (SO ₄)	(mg/l)	200	400	32.14
20.	Chloride (Cl)	(mg/l)	250	1000	11.0
21.	Iron (Fe)	(mg/l)	1.0	N.R.	0.03
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
BACTERIOLOGICAL EXAMINATION					
25.	Coli form per 100 ml at 37°C	MPN/100 mL	0	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

Manager
YUVA SHAKTI MODEL SCHOOL
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