



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 after R/o System in the premises of **Kasturi Ram International School**, Pocket-7, Sector- A-10, Sub City- Narela, Delhi- 110040, Vide challan no.- 210 dated 06.01.2022.

S. No.	PARAMETERS	UNITS	Limit as per B.I.S. 10500:2012		S1
			Acceptable	Permissible	
1.	Date of collection	--	---	---	25.01.2022
2.	Date of Analysis	--	---	---	27.01.2022
3.	Colour	Hazen	5	15	Clear
4.	Odour	--	Agreeable		Agreeable
5.	Turbidity	N.T.U	1.0	5.0	1.03
6.	p ^H value	--	6.5 to 8.5	N.R.	7.3
7.	Electrical Conductivity	µmhos/cm	---	---	314.2
8.	Total Dissolved Solid	(mg/l)	500	2000	204.23
CHEMICAL EXAMINATION					
9.	Phenolphthalein Alkalinity	(mg/l)	---	---	Nil
10.	Total Alkalinity	(mg/l)	200	600	44.0
11.	Total Hardness	(mg/l)	200	600	26.0
12.	Calcium Hardness	(mg/l)	200	600	10.0
13.	Magnesium Hardness	(mg/l)	200	600	16.0
14.	Calcium as Ca	(mg/l)	75	200	4.0
15.	Magnesium as mg	(mg/l)	30	100	3.84
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.	13.05
19.	Sulphate (SO ₄)	(mg/l)	200	400	22.17
20.	Chloride (Cl)	(mg/l)	250	1000	36.0
21.	Iron (Fe)	(mg/l)	1.0	N.R.	0.08
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.85
23.	Cyanides (CN)	(mg/l)	0.05	N.R.	*N.D.
24.	Residual Chlorine	(mg/l)	0.2	1.0	Nil
BACTERIOLOGICAL EXAMINATION					
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.

Conal
27/1/22
Asstt. Chemist

MIO
Chemist/Bacteriologist

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

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

