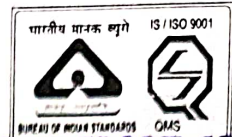


“STOP CORONA VIRUS-Wash Your Hand/Wear Mask/Maintain Social Distance”



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



THE TEST REPORT IS
FOR THIS PARTICULAR
WATER SAMPLE ONLY

(ISO Certified 9001:2015)

Water samples collected from:- S1 DJB Tanker Stored water, S2 :- Drinking Point in premises of Sant Gyaneshwar Model School, Lakhmi Enclave, Extended Lal Dora, Allpur Delhi-110036, Vide challan no.194 dated-27.07.2023.

S. No.	PARAMETERS	UNITS	B.I.S.10500:2012		S1	S2
			Desirable	Permissible		
1.	Date of Collection	--	---	---	-----03.08.2023-----	
2.	Date of Analysis	--	---	---	-----04.08.2023-----	
3.	Colour	Hazen	5	15	<1C.U	<1C.U
4.	Odour	--	Agreeable		Agreeable	Agreeable
5.	Turbidity	N.T.U.	1.0	5.0	1.98	1.23
6.	p ^H value	--	6.5 to 8.5	N.R.	7.84	7.7
7.	Electrical Conductivity	µmhos/cm	----	-----	1381.0	1089.0
8.	Total Dissolved Solid	(mg/l)	500	2000	897.65	707.85
CHEMICAL EXAMINATION						
9.	Phenolphthalein Alkalinity	(mg/l)	----	----	Nil	Nil
10.	Total Alkalinity	(mg/l)	200	600	211.0	152.0
11.	Total Hardness	(mg/l)	200	600	322.0	255.0
12.	Calcium Hardness	(mg/l)	----	----	178.0	136.0
13.	Magnesium Hardness	(mg/l)	---	----	144.0	119.0
14.	Calcium as Ca	(mg/l)	75	200	71.2	54.4
15.	Magnesium as mg	(mg/l)	30	100	34.6	28.6
16.	Ammonia (as NH ₃ -N)	(mg/l)	0.5	N.R.	ND	ND
17.	Nitrite -Nitrogen (N)	(mg/l)	---	---	ND	ND
18.	Nitrate NO ₃	(mg/l)	45	N.R.	2.80	4.40
19.	Sulphate (SO ₄)	(mg/l)	200	400	154.0	92.33
20.	Chloride (Cl)	(mg/l)	250	1000	235.0	186.0
21.	Iron (Fe)	(mg/l)	0.3	N.R.	0.09	0.06
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.91	0.88
23.	Cyanides (CN)	(mg/l)	0.05	N.R.	ND	ND
24.	Residual Chlorine	(mg/l)	0.2	1.0	1.0	0.75
25.	Coli form per 100 ml at 37 ^o c	MPN/100 mL	0	0	0	0

Remarks: On the basis of tested parameters, water samples 'S1', & 'S2' confirm to drinking water specification IS.10500:2012 in the permissible limits and may be used for drinking purpose.

Asstt. Chemist

Chemist/Bacteriologist

A.C.W.A.

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

