



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 Stored Water; S2:- After R/O System in the premises of Lt. COL. Mehar Little Angels Sr. Sec. School , B-5 Block, Paschim Vihar, New Delhi – 110063 vide challan no. 26 dated 22.04.2024.

S. No.	PARAMETERS	UNITS	B.I.S.10500:2012		S1	S2
			Desirable	Permissible		
1.	Date of Collection	--	---	---	-----15.05.2024-----	
2.	Date of Analysis	--	---	---	-----17.05.2024-----	
3.	Colour	C.U.	5	15	<1C.U.	<1C.U.
4.	Odour	--	Agreeable		Agreeable	Agreeable
5.	Turbidity	N.T.U.	1.0	5.0	2.10	0.97
6.	p ^H value	--	6.5 to 8.5	N.R.	7.5	6.8
7.	Electrical Conductivity	µmhos/cm	----	----	271.0	101.0
8.	Total Dissolved Solid	(mg/l)	500	2000	176.15	65.65
CHEMICAL EXAMINATION						
9.	Phenolphthalein Alkalinity	(mg/l)	----	----	Nil	Nil
10.	Total Alkalinity	(mg/l)	200	600	86.0	10.0
11.	Total Hardness	(mg/l)	200	600	116.0	27.0
12.	Calcium Hardness	(mg/l)	----	----	80.0	11.0
13.	Magnesium Hardness	(mg/l)	---	----	36.0	16.0
14.	Calcium as Ca	(mg/l)	75	200	32.0	4.4
15.	Magnesium as mg	(mg/l)	30	100	8.64	3.84
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.	2.10	1.14
19.	Sulphate (SO ₄)	(mg/l)	200	400	36.28	2.41
20.	Chloride (Cl)	(mg/l)	250	1000	14.0	8.0
21.	Iron (Fe)	(mg/l)	1.0	N.R.	0.03	ND
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.36	0.04
23.	Cyanides (CN)	(mg/l)	0.05	N.R.	ND	ND
24.	Residual Chlorine	(mg/l)	0.2	1.0	0.75	Nil
25.	Coli form per 100 ml at 37 ^o c	MPN/100 mL	0		0	0

Remarks: On the basis of tested parameters, water sample 'S1' & 'S2' confirms to drinking water specification IS.10500:2012 & may be used for drinking purpose.

[Signature]
 Asstt. Chemist

[Signature]
 Chemist/Bacteriologist

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 A.C.W.A.

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