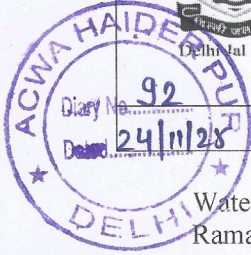




**DELHI JAL BOARD ;(GOVT. OF N.C.T. DELHI)
QUALITY CONTROL LABORATORY,
WATER TREATMENT PLANT HAIDERPUR,
DELHI-110085.**



(ISO Certified 9001:2015)

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

Water samples collected from S1:- D.J.B Stored, S2:- Drinking Point of Yuvashakti Model School, Rama Vihar, Delhi – 110081, vide challan no. 204 dated 31.10.2025.

S. No.	PARAMETERS	UNITS	B.I.S.10500:2012		S1	S2
			Desirable	Permissible		
1.	Date of Collection	--	---	---	14.11.2025	14.11.2025
2.	Date of Analysis	--	---	---	16.11.2025	16.11.2025
3.	Colour	C.U.	5	15	2 C.U.	2 C.U.
4.	Odour	--	Agreeable		Agreeable	Agreeable
5.	Turbidity	N.T.U.	1.0	5.0	2.72	1.98
6.	pH value	--	6.5 to 8.5	N.R.	7.7	7.8
7.	Electrical Conductivity	µs/cm	----	----	321.0	248.0
8.	Total Dissolved Solid	(mg/l)	500	2000	208.65	161.2
CHEMICAL EXAMINATION						
9.	Phenolphthalein Alkalinity	(mg/l)	----	----	Nil	Nil
10.	Total Alkalinity	(mg/l)	200	600	104.0	79.0
11.	Total Hardness	(mg/l)	200	600	150.0	113.0
12.	Calcium Hardness	(mg/l)	----	----	98.0	81.0
13.	Magnesium Hardness	(mg/l)	---	----	52.0	32.0
14.	Calcium as Ca	(mg/l)	75	200	39.2	32.4
15.	Magnesium as Mg	(mg/l)	30	100	12.48	7.68
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.	3.62	3.07
19.	Sulphate (SO ₄)	(mg/l)	200	400	31.83	29.98
20.	Chloride (Cl)	(mg/l)	250	1000	12.0	11.0
21.	Iron (Fe)	(mg/l)	1.0	N.R.	0.03	0.02
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.35	0.21
23.	Cyanides (CN)	(mg/l)	0.05	N.R.	ND	ND
24.	Residual Chlorine	(mg/l)	0.2	1.0	0.58	0.55
BACTERIOLOGICAL EXAMINATION						
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 sample 'S1' & 'S2' confirms to drinking water specification IS.10500:2012 & may be used for drinking purpose.

M. K. T. G.
18/11/25
Asstt. Chemist

M. G.
20/11/25
Chemist/Bacteriologist

M. K. T. G.
24/11/25
A.C.W.A.