



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:- Drinking point at Ground Floor S2:- Drinking point at First Floor in the premises of Vishal Bharti Public School, A-1 Block, Paschim Vihar New Delhi - 110063 vide challan no. 247 dated 30.01.2025.

S. No.	PARAMETERS	UNITS	B.I.S.10500:2012		S1	S2
			Desirable	Permissible		
1.	Date of Collection	--	---	---	01.02.2025	01.02.2025
2.	Date of Analysis	--	---	---	03.02.2025	03.02.2025
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	2.58	2.98
6.	p ^H value	--	6.5 to 8.5	N.R.	7.5	7.5
7.	Electrical Conductivity	µmhos/cm	----	----	305.0	307.0
8.	Total Dissolved Solid	(mg/l)	500	2000	198.25	199.55
CHEMICAL EXAMINATION						
9.	Phenolphthalein Alkalinity	(mg/l)	----	----	Nil	Nil
10.	Total Alkalinity	(mg/l)	200	600	92.0	90.0
11.	Total Hardness	(mg/l)	200	600	136.0	138.0
12.	Calcium Hardness	(mg/l)	----	----	90.0	94.0
13.	Magnesium Hardness	(mg/l)	---	----	46.0	44.0
14.	Calcium as Ca	(mg/l)	75	200	36.0	37.6
15.	Magnesium as mg	(mg/l)	30	100	11.04	10.56
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.	2.78	2.58
19.	Sulphate (SO ₄)	(mg/l)	200	400	32.05	33.28
20.	Chloride (Cl)	(mg/l)	250	1000	12.0	13.0
21.	Iron (Fe)	(mg/l)	1.0	N.R.	0.03	ND
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.38	0.40
23.	Cyanides (CN)	(mg/l)	0.05	N.R.	ND	ND
24.	Residual Chlorine	(mg/l)	0.2	1.0	0.50	0.50
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' confirm to drinking water specification IS.10500:2012 & may be used for drinking purpose.

[Signature]
 03/02/25
 Asstt. Chemist

[Signature]
 Chemist/Bacteriologist

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 A.C.W.A.

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