


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



THE TEST FOR THIS PARTICULAR WATER SAMPLE ONLY

(ISO Certified 9001:2015)

Received.....
 Dated.....

Water samples collected from S1:- Before Water Purification System S2:- After Water Purification System in the premises of Andharshila Vidyapeeth ,CD Block, Pitampura New Delhi - 110034 vide challan no. 239 dated 20.01.2025.

S. No.	PARAMETERS	UNITS	B.I.S.10500:2012		S1	S2
			Desirable	Permissible		
1.	Date of Collection	--	---	---	22.01.2025	22.01.2025
2.	Date of Analysis	--	---	---	25.01.2025	25.01.2025
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	2.97	2.38
6.	p ^H value	--	6.5 to 8.5	N.R.	7.5	7.5
7.	Electrical Conductivity	µmhos/cm	---	---	307.0	302.0
8.	Total Dissolved Solid	(mg/l)	500	2000	199.55	196.3
CHEMICAL EXAMINATION						
9.	Phenolphthalein Alkalinity	(mg/l)	----	----	Nil	Nil
10.	Total Alkalinity	(mg/l)	200	600	91.0	90.0
11.	Total Hardness	(mg/l)	200	600	138.0	134.0
12.	Calcium Hardness	(mg/l)	----	----	92.0	92.0
13.	Magnesium Hardness	(mg/l)	---	----	46.0	42.0
14.	Calcium as Ca	(mg/l)	75	200	36.8	36.8
15.	Magnesium as mg	(mg/l)	30	100	11.04	10.08
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.	2.37	2.12
19.	Sulphate (SO ₄)	(mg/l)	200	400	31.72	30.59
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	0.40	0.38
23.	Cyanides (CN)	(mg/l)	0.05	N.R.	ND	ND
24.	Residual Chlorine	(mg/l)	0.2	1.0	0.75	0.25
BACTERIOLOGICAL EXAMINATION						
25.	Coli form per 100 ml at 37°c	MPN/100 mL	0	0	0	0

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



Assit. Chemist *[Signature]*
 Chemist/Bacteriologist *[Signature]*

A.C.W.A. *[Signature]*

C.W.A. *[Signature]*
 For Vaish Aggarwal Educational Society - II
 President/Treasurer/Gen. Secretary

[Handwritten Signature]