



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



ACWA HAIDER PUR
 76
 Diary No. 23/10/24
 DELHI

(ISO Certified 9001:2015)

THE TEST REPORT IS
 FOR THIS PARTICULAR
 WATER SAMPLE ONLY

Water samples collected from: - S1:- DJB Water Supply; S2:- Drinking Point in the premises of DAV Public School, Pushpanjali Enclave, Pitampura, Delhi – 110034, vide challan no. 165 dated 03.10.2024.

S. No.	PARAMETERS	UNITS	B.I.S.10500:2012		S1	S2
			Desirable	Permissible		
1.	Date of Collection	--	---	---	08.10.2024	08.10.2024
2.	Date of Analysis	--	---	---	10.10.2024	10.10.2024
3.	Colour	C.U.	5	15	<1C.U.	<1C.U.
4.	Odour	--	Agreeable		Agreeable	Agreeable
5.	Turbidity	N.T.U.	1.0	5.0	2.91	2.01
6.	p ^H value	--	6.5 to 8.5	N.R.	7.6	7.4
7.	Electrical Conductivity	µmhos/cm	----	----	286.0	225.0
8.	Total Dissolved Solid	(mg/l)	500	2000	185.9	146.25
CHEMICAL EXAMINATION						
9.	Phenolphthalein Alkalinity	(mg/l)	----	----	Nil	Nil
10.	Total Alkalinity	(mg/l)	200	600	96.0	74.0
11.	Total Hardness	(mg/l)	200	600	128.0	97.0
12.	Calcium Hardness	(mg/l)	----	----	89.0	71.0
13.	Magnesium Hardness	(mg/l)	---	----	39.0	26.0
14.	Calcium as Ca	(mg/l)	75	200	35.6	28.4
15.	Magnesium as mg	(mg/l)	30	100	9.36	6.24
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.	2.05	1.44
19.	Sulphate (SO ₄)	(mg/l)	200	400	35.87	25.17
20.	Chloride (Cl)	(mg/l)	250	1000	10.0	12.0
21.	Iron (Fe)	(mg/l)	1.0	N.R.	0.04	0.03
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.39	0.28
23.	Cyanides (CN)	(mg/l)	0.05	N.R.	ND	ND
24.	Residual Chlorine	(mg/l)	0.2	1.0	1.0	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 samples 'S1' & 'S2' confirm to drinking water specification IS.10500:2012 & may be used for drinking purpose.

[Signature]
 10.10.24
 Asstt. Chemist

[Signature]
 Chemist/Bacteriologist

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 A.C.W.A.

[Signature]
 C.W.A. (W&S)-II