



DELHI JAL BOARD
(GOVT. OF N.C.T. DELHI)
QUALITY CONTROL LABORATORY,
WATER TREATMENT PLANT NANGLOI , DELHI-110041



**International Year
of Cooperatives**
Cooperatives Build a Better World

Water sample collected from "Aaryan International School" Plot No.320, 321, Om Vihar, Phase-1A, Uttam Nagar, New Delhi – 110059 vide challan No- 45 Dated - 08.05.2025.

S1: Bore water at above site.

S2: Drinking Point (RO) at above site.

THE TEST REPORT IS
FOR THIS PARTICULAR
WATER SAMPLE ONLY.

S. No.	Particulars	Units	Limit		S1	S2
			Acceptable	Permissible		
PHYSICAL EXAMINATION						
1.	Date of collection	-----	--	--	27.05.25	27.05.25
2.	Date of Analysis	-----	--	--	29.05.25	29.05.25
3.	Colour	CU	5.0	15	Clear	Clear
4.	Odour	-----	No. Objectionable		No Obj.	No Obj.
5.	Turbidity	N.T.U.	1.0	5.0	2.0	1.2
6.	PH value	-----	6.5	8.5	7.40	6.70
7.	Electrical Conductivity	µmho/cm	--	--	2570	170
8.	Total dissolved solids	mg/l	500	2000	1670	110.5
CHEMICAL EXAMINATION						
9.	Phenolphthalein Alkalinity	mg/l	--	--	NIL	NIL
10.	Total Alkalinity	mg/l	200	600	510	22
11.	Total Hardness	mg/l	200	600	570	28
12.	Calcium Hardness	mg/l	--	--	190	16
13.	Magnesium Hardness	mg/l	--	--	380	12
14.	Calcium as Ca	mg/l	75	200	76	6.4
15.	Magnesium as Mg	mg/l	30	100	91.2	2.88
16.	Ammonia as N	mg/l	0.5	N.R.	NIL	NIL
17.	Nitrite as N	mg/l	---	--	0.014	NIL
18.	Nitrate as NO ₃	mg/l	45	N.R.	20.4	8.2
19.	Sulphate	mg/l	200	400	194	18
20.	Chloride	mg/l	250	1000	370	24
21.	Dissolved Iron	mg/l	1	N.R.	0.12	0.04
22.	Fluoride	mg/l	1	1.50	0.38	0.16
23.	Cyanide	mg/l	0.05	N.R.	ND	ND
24.	Residual Chlorine	mg/l	0.20(min)	1.0	NIL	NIL
BACTERIOLOGICAL EXAMINATION						
25.	Coli-form per 100 ml at 37°C	MPN	0		44	0

REMARKS: As per tested parameters Sample S-1 can not be used for drinking purpose whereas Sample S-2 can be used for drinking purpose.

S. Pandey
Asstt. Chief Water Analyst
DELHI JAL BOARD
Govt. of N.C.T. Delhi
Quality Control Laboratory
Water Works Nangloi, Delhi-41

S. Pandey
BACT.

S. Pandey
A/CHEMIST