



DELHI JAL BOARD
(Govt. of N.C.T., Delhi)
ZONAL LABORATORY, WATER WORKS
HAIDER PUR, DELHI-110085

TEST REPORT

Water samples collected from S1: Delhi Jal Board and S2: through R.O. system installed Delhi Jal Board Connection in Baldev International School Khasra No 26/19/1(4-16) Main Mubarak Pur Road, Inder Enclave, New Delhi-110086 vide challan no. 2054 dated 27.12.2024

S.No.	PARAMETER	UNITS	B.I.S. 10500: 2012	S1 (DJB)	S2 (R.O.)
1.	Date of Collection	----	----	27.12.2024	27.12.2024
2.	Date of Analysis	----		02.01.2025	02.01.2025
3.	Colour	Hazen	5-15	Clear	Clear
4.	Odour	----	No Objection	No Objection	No Objection
5.	Turbidity	N.T.U	1.0-5.0	1.6	1.0
6.	pH Value	---	6.5 to 8.5	7.2	6.5
7.	Electrical Conductivity	µmhos/cm	---	1265.2	141.2
8.	Total Dissolved Solid	(mg/l)	500-200	600.0	91.02
CHEMICAL EXAMINATION					
9.	Phenolphthalein Alkalinity	(mg/l)	---	Nil	Nil
10.	Total Alkalinity	(mg/l)	200-600	250.0	48.0
11.	Total Hardness	(mg/l)	200-600	250.0	59.0
12.	Calcium Hardness	(mg/l)	---	50.0	42.0
13.	Magnesium Hardness	(mg/l)	---	150.0	16.0
14.	Calcium as Ca	(mg/l)	75-200	45.0	16.8
15.	Magnesium as mg	(mg/l)	30-100	42.67	1.25
16.	Ammonia (free & saline)	(mg/l)	0.5-N.R.	Nil	Nil
17.	Nitrite-Nitrogen (N)	(mg/l)	---	1.5	Nil
18.	Nitrate NO ₃	(mg/l)	45-N.R.	8.2	Nil
19.	Suphate (SO ₄)	(mg/l)	200-400	201.11	15.52
20.	Chloride (Cl)	(mg/l)	250-1000	79.0	8.0
21.	Iron (Fe)	(mg/l)	0.3-N.R	0.15	Nil
22.	Fluoride (F)	(mg/l)	1.0-1.5	1.0	1.0
23.	Cyanides (CN)	(mg/l)	0.05-N.R.	Abst.	Abst
24.	Residual Chlorine	(mg/l)	0.2-1.0	Nil	Nil
BACTERIOLOGICAL EXAMINATION					
25.	Coli form per 100 ml at 37°	MPN/100 ml	---	88	9.1

Remark: As per tested parameter water sample which is collected and confirm to drinking water under B.I.S.10500:2012.

Asstt. Chemist

Chemist/Bacteriologist

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Principal

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