



DELHI JAL BOARD: GNCTD
ZONAL LABORATORY WTP WAZIRABAD, DELHI-54



TEST REPORT

Sample ID	Ref. No. D.J.B/DTQC/Wzd./2024-25/Paid-198-199		
Location /Address of Sample	Sachdeva Convent School, Wazirabad, Jagatpur Road, Street No. 5, Sangam Vihar, Delhi-110084		
Letter Reference No.	SCS/DJB/WT	Ref. Letter Date	26.12.2024
Challan No.	228	Challan Date	26.12.2024
Sample Collection date	27.12.2024	Analysis start date	27.12.2024
Any other Information	--	Analysis end date	30.12.2024
		Reporting date	31.12.2024

TEST RESULTS

S.No	Parameters	Unit	As per the IS 10500		Inlet	Outlet (RO)
			Acceptable limit	Permissible limit		
1	Colour	Agreeable	Agreeable	15 (Max)	2.0	2.0
2	Odour	NTU	1	Agreeable	Agreeable	Agreeable
3	Turbidity	--	6.5-8.5	5	1.0	1.0
4	ph at 25°C	S/cm	-	No relaxation	7.51	6.66
5	Electrical Conductivity	mg/L	500(Max)	-	159	75
6	Total Dissolved Solids	mg/L	200(Max)	2000(Max)	103	48
7	Total Alkalinity	mg/L	200(Max)	600(Max)	50	22
8	Total Hardness	mg/L	75(Max)	600(Max)	48	14
9	Calcium as Ca	mg/L	30(Max)	200(Max)	14	4.0
10	Magnesium as Mg	mg/L	1.0(Max)	100(Max)	3.0	1.0
11	Iron	mg/L	250(Max)	No relaxation	0.04	0.02
12	Chloride	mg/L	1.0(Max)	1000(Max)	34	18
13	Fluoride	mg/L	1.5(Max)	1.5(Max)	0.19	0.07
14	Ammonical-Nitrogen	mg/L	No relaxation	No relaxation	BDL	BDL
15	Nitrate	mg/L	No relaxation	No relaxation	3.8	1.5
16	Sulphate	mg/L	400(Max)	400(Max)	14.2	2.8
17	Residual Chlorine	mg/L	0.2(Max)	1.0(Max)	BDL	BDL
18	Coliform Count at 37° (MPN)	/100 mL	Absent	No relaxation	0	0

*BDL-Below Detection Limit

.....End of Report.....

Remarks : RO Sample conforms above specification for the tested parameters and can be considered for the drinking purpose.

Tested by
Lab. Tech.

Verified for Chemical parameters
Asstt. Chemist

Verified for MPN
Asstt. Bact.

Authorized by
Chemist

ACWA(WZD)

Asstt. Chief Water Analyst
D.J.B. (Govt. of N.C.T. of Delhi)
Water Works, Wazirabad