



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



**TEST REPORT**

Sample ID	Ref.No. D.J.B/CWA/Wzd./2023-24/paid-48-49		
Location /Address of Sample	Darshan Academy, Kirpal Bagh, Sant Kirpal Marg, Delhi-110009		
Reference No.	DA/KB/E-4746/2024	Ref. Letter Date	28.05.2024
Challan No.	71	Challan Date	29.05.2024
Sample receipt date	31.05.2024	Analysis start date	31.05.2024
Any other Information	--	Analysis end date	02.06.2024
		Reporting date	03.06.2024

**TEST RESULTS**

S.No.	Parameters	Unit	As per the IS 10500		A-Turbine Sample (1)	B-Process Water
			Desirable limit	Permissible limit		
1	Colour	Pt-Co	5	15	2.5	2.0
2	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3	Turbidity	NTU	1	5	2.2	1.4
4	pH Value	--	6.5-8.5	No relaxation	7.32	7.04
5	Electrical Conductivity	µS/cm	-	-	620	96
6	Total Dissolved Solids	mg/L	500	2000	403	61
7	Total Alkalinity	mg/L	200	600	80	32
8	Total Hardness	mg/L	200	600	208	20
9	Calcium as Ca	mg/L	75	200	50	7.0
10	Magnesium as Mg	mg/L	30	100	20	2.0
11	Iron	mg/L	--	0.3	0.10	0.04
12	Chloride	mg/L	250	1000	128	28
13	Fluoride	mg/L	1.0	1.5	0.47	0.18
14	Ammonical-Nitrogen	mg/L	NIL	0.5	BDL	BDL
15	Nitrate	mg/L	--	45	5.43	2.29
16	Sulphate	mg/L	200	400	43.7	6.3
17	Residual Chlorine	mg/L	0.2	1.0	BDL	BDL
18	Coliform Count at 37° (MPN)	100 mL	Absent	--	0	0

\*BDL=Below Detection Limit

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

Remarks: For the tested parameters process water sample conform drinking Water Specification IS-10500 & can be considered fit for drinking purpose.

Tested by  
Lab.Tech.

Verified by  
Asstt. Chemist

Authorized by  
Chemist /ACWA(WZD)  
Asstt. Chief Water Analyst  
D.J.B. (Gent. of N.C.T. of Delhi)  
Water Works, Wazirabad