

DELHI JAL BOARD: GNCTD  
CENTRAL LABORATORY WTP WAZIRABAD, DELHI-54THIS REPORT PERTAINS TO THE  
PARTICULAR SAMPLE ONLY.

## TEST REPORT

Sample ID	Ref.No. D.J.B/DTQC/Wad/2022/Paid-25-26		
Location /Address of Sample	Bhartiya Vidya Bhavan's Mehta Vidyalyaya Hathi Sadan, Copernicus Lane, Kasturba Gandhi Marg New Delhi-110001		
Name of Work	--		
Reference No.	WaterTesting/BVB/MV/2022/3713	Ref. Letter Date	02.05.2022
Challan No.	42	Challan Date	05.05.2022
Sample Collection date	09.05.2022	Analysis date	09.05.2022
Any other Information	--	Reporting date	11.05.2022

## TEST RESULTS

S.N.	Parameters	Unit	As per the IS 10500		Inlet	Outlet
			Desirable limit	Permissible limit		
1	Turbidity	NTU	1	5	2.75	0.30
2	pH Value	--	6.5-8.5	No relaxation	7.8	7.1
3	Colour	Pt-Co	5	15	Clear	Clear
4	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5	Electrical Conductivity	$\mu\text{s/cm}$	--	--	4300	115
6	Total Dissolved Solids	Mg/l	500	2000	2405	58
7	Total Alkalinity as $\text{CaCO}_3$	Mg/l	200	600	344	24
8	Total Hardness as $\text{CaCO}_3$	Mg/l	200	600	1120	12
9	Calcium as Ca	Mg/l	75	200	368	12
10	Magnesium as Mg	Mg/l	30	100	48	2.4
11	Ammonical-Nitrogen	Mg/l	0.5	0.5	0.04	NO
12	Nitrate	Mg/l	NIL	45	9.62	1.23
13	Chlorides as Cl	Mg/l	250	1000	1002	30
14	Fluoride as F	Mg/l	1.0	1.5	1.05	0.02
15	Sulphate as $\text{SO}_4$	Mg/l	200	400	200.4	8.26
16	T. Iron	Mg/l	--	1.0	0.18	0.04
17	Residual Chlorine	Mg/l	0.2	1.0	NO	NO
18	COLIFORM COUNT AT 37° C	MPN/100 ml	Absent	--	0	0

End of Report

Remarks : On the basis of above tested parameters, inlet water sample does not conform drinking Water Specification IS-10500 & cannot be considered fit for the drinking purpose whereas outlet sample conforms so, can be considered fit for drinking purpose.

ACWA

CHEMIST

Principal  
A/CHEMISTBharatiya Vidya Bhavan's  
Mehta Vidyalyaya  
Kasturba Gandhi Marg, New Delhi-1