

JADAVPUR UNIVERSITY



SCHOOL OF WATER RESOURCES ENGINEERING

KOLKATA – 700 032

TEST REPORT

OBJECTIVE: - Water Quality Analysis
TESTED FOR: - NARAYANA SCHOOL, CONTAI

TYPE OF SAMPLE: - RO Filter Output
SAMPLE LOCATION: - NARAYANA SCHOOL, CONTAI

DATE OF COLLECTION: - 29.11.2024
SAMPLE DRAWN BY: The Party
UNIVERSITY MONEY RECEIPT NO. & DATE: Online Transfer (Axis Bank), transaction ID 20512610251, dated 29.11.2024

Water Quality Analysis - Water quality has been analysed for parameters mentioned below as per Indian Standards (IS) – 10500, 2012 at the laboratory of School of Water Resources Engineering, Jadavpur University. The detailed water quality testing report is attached herewith.

Teachers Involved: Prof. (Dr.) Asis Mazumdar, Prof. (Dr.) Pankaj Kr. Roy

DIRECTOR

SCHOOL OF WATER RESOURCES ENGINEERING
JADAVPUR UNIVERSITY

Prof. (Dr.) Pankaj Kumar Roy
Director

School of Water Resources Engineering
Jadavpur University

REGISTRAR

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Date 16-DEC-2024

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Water Quality Test Report

Sample not drawn by the School of Water Resources Engineering

SL. NO.	PARAMETERS	RESULTS	Acceptable Limit as per IS 10500, 2012	Permissible Limit as per IS 10500, 2012
1	pH	7.38	6.5-8.5	No Relaxation
2	Electrical Conductivity (EC) (Us/Cm)	186.8	-	-
3	Total Dissolved Solids (mg/L)	93.2	500	2000
4	Turbidity (NTU)	0.34	1	5
5	Total Hardness (as CaCo ₃) (mg/L)	240	200	600
6	Total Arsenic (As) (mg/L)	BDL	0.01	No Relaxation
7	Total Iron (Fe) (mg/L)	1.08	1	No Relaxation
8	Manganese (Mn) (mg/L)	BDL	0.1	0.3
9	Total Coliform (Nos./100 ml)	NIL	Shall not be detectable in any 100 ml sample	
10	Fecal Coliform (Nos./100 ml)	NIL	Shall not be detectable in any 100 ml sample	

BDL: Below Detection Limit


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