

# 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: - 11.05.2026  
SAMPLE DRAWN BY: The Party  
UNIVERSITY MONEY RECEIPT NO. & DATE: Online Transfer (Axis Bank), transaction ID 21341782143, dated 11.05.2026

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



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Date 15-MAY-2026

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## SCHOOL OF WATER RESOURCES ENGINEERING

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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                                            | 7.41    | 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)                               | 1.26    | 1                                            | 5                                       |
| 5       | Total Hardness (as CaCo <sub>3</sub> ) (mg/L) | 260     | 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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