

**Government of West Bengal**  
**Public Health Engineering Directorate**  
**Kalyani State Referral Laboratory, Haringhata W.T.P. Kalyani, Nadia.**  
**Water Quality Test Report**

Sample received: 23.10.2024      Date of testing: 23.10.2024  
Sample Collected by: Customer

**THE BANDHAN SCHOOL ARRANGHATA**  
**Anandanagar, Ranaghat, Nadia, Pin. - 741501**

| Sl.No.                                      | Name of Source                                      | TC           | E.coli |
|---------------------------------------------|-----------------------------------------------------|--------------|--------|
| 1                                           | <b>Drinking Water</b>                               | NF           | NF     |
| IS:10500:2 <sup>nd</sup><br>revision (2012) | Requirement acceptable limits                       | <2 per 100ml | Nil    |
|                                             | In absence of alternative source Permissible limits | <2 per 100ml | Nil    |

(NF = Not Found)

*[Signature]*  
24/10/2024  
Microbiologist

Kalyani State Referral Lab.  
P.H.Engineering Dte.

*[Signature]* 24/10/24

Assistant Engineer - I  
Nadia Arsenic Division - I  
P.H.Engineering Dte.

Assistant Engineer -  
Nadia Arsenic Division  
P.H.E.Dte

The water sample collected by the customer was found safe as per testing parameters. The certificate is valid for about 6 (six) months if contamination or major changes in water supply system ~~does~~ does not occur due to defects in water supply. This is requested to check water quality parameters in regular intervals.

*[Signature]* 24/10/24  
Assistant Engineer -  
Nadia Arsenic Division  
P.H.E.Dte

*[Signature]* Mahua HC

**Principal**  
**The Bandhan School Aranghata**  
**Anandanagar, Radhakantapur**  
**Dist.: Nadia, Taherpur, Pin-741501**

**KALYANI STATE REFERRAL LABORATORY**

Haringhata Water Treatment Plant, Near  
Buddha Park, Public Health Engineering  
Dte.

**Test Report**

Issued To :

THE BANDHAN SCHOOL ARANGHATA  
ANANDA NAGAR,RANAGHAT, NADIA,  
PIN-741501

ULR No. : TC1239024000001248F

Test Report No: KSRL/OCT/24/43

DATE: 29.10.2024

Ref Memo No : NIL

**Sample Particulars:****Sample Description:** 500 ml preserved with HCL, 500 ml without preservative.**Sample Code:** NDWTL/10/24/43**Date of Receive of Sample:** 23.10.2024**Date of Starting Analysis:** 28.10.2024**Sample Collected by :** Customer**Location of laboratory activities** - Chemical lab**Type of Sample :** Drinking Water**Date of Completion:** 29.10.2024*Sample Tested as Received*

| Sl. No | Test Parameters       | Unit | Test Methods                                                         | Requirement (Acceptable Limit) | Permissible Limit in the absence of alternate source | Results |
|--------|-----------------------|------|----------------------------------------------------------------------|--------------------------------|------------------------------------------------------|---------|
|        |                       |      |                                                                      | AS PER IS:-10500-2012          |                                                      |         |
| 1      | pH                    |      | IS 3025 (Part 11): 2022<br>Electrometric method                      | 6.5-8.5                        | No relaxation                                        | 8.03    |
| 2      | Turbidity             | NTU  | Nephelometric Method                                                 | 1                              | 5                                                    | 0.31    |
| 3      | Total dissolved solid | mg/l | Gravitymetric Method                                                 | 500                            | 2000                                                 | 17.00   |
| 4      | Chloride              | mg/l | IS 3025 (Part 32): 1988 RA 2019<br>Argentometric Method              | 250                            | 1000                                                 | 8.86    |
| 5      | Total Hardness        | mg/l | IS 3025 (Part 21): 2009, RA 2019<br>EDTA Titrimetric Method          | 200                            | 600                                                  | 16.19   |
| 6      | Total Alkalinity      | mg/l | IS 3025 (Part 23): 1986 RA 2019<br>Indicator Method                  | 200                            | 600                                                  | 40.00   |
| 7      | Total Iron            | mg/l | 3111 B,APHA,24th Edition 2023<br>Air acetylene flame method          | 0.3                            | No relaxation                                        | <0.10   |
| 8      | Total Arsenic         | mg/l | 3114 C,APHA,24th Edition 2023<br>Continuous hydride generator method | 0.01                           | No relaxation                                        | <0.010  |
| 9      | Magnesium (as Mg)     | mg/l | APHA 24th Edition-3500 Mg Method (By Calculation):2023               | 30                             | 100                                                  | <0.05   |

**Reviewed By**

*Mr. Goutam Dam*  
29/10/2024  
(Chemist)

**Mr. Goutam Dam**  
**Chemist**  
**Authorised Signatory**

**Issued By :**

*Dr. Joydev Jana*  
29-10-24  
Dr. J. Jana

Authorized Signatory  
**Dr. Joydev Jana**  
**Senior Chemist**  
**Authorised Signatory**

- The result relates only to the item(s) tested.
- The test report cannot be reproduced except in full, without the permission of Executive Engineer, Nadia Arsenic Div.-I or Quality Manager.
- Sample not drawn by us.
- Results apply to the sample as received.
- Specific condition of Testing : Temperature of Water for pH measurement is 20° C.
- Customer can ask for re-testing of sample within 15 days after receiving the Test Report.

\*\*\*\* End of Report \*\*\*\*

*Mahua HC*

**Principal**  
**The Bandhan School Aranghata**  
**Anandanagar, Radhakantapur**  
**Dist.: Nadia, Taherpur, Pin-741501**