



TC- 12390

**KALYANI STATE REFERRAL LABORATORY**Haringhata Water Treatment Plant, Near  
Buddha Park, Public Health Engineering  
Dte.**Test Report**

Issued To :

BANDHAN SCHOOL ARANGHATA  
ANANDANAGAR, RANAGHAT  
SAMPLE SOURCE : TAP WATER

ULR No. : TC1239024000000525F

Test Report No: KSRL/Feb/24/304

DATE:29 .02.2024

Ref Memo No : NIL

**Sample Particulars:**

Sample Description: 500 ml preserved with HCL, 500 ml without preservative.

Sample Code: NDWTL/02/24/304

Date of Receive of Sample:19 .02.2024

Date of Starting Analysis: 23.02.2024

Sample Collected by : Customer

Location of laboratory activities - Chemical lab

Type of Sample : Drinking Water

Date of Completion:29.02.2024

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 Electrometric method	6.5-8.5	No relaxation	8.15
2	Turbidity	NTU	IS 3025 (Pt 10): 2023 Nephelometric Method	1	5	0.22
3	Total dissolved solid	mg/l	IS 3025 (Part 16): 2023 Gravimetric Method	500	2000	41
4	Chloride	mg/l	IS 3025 (Part 32): 1988 RA 2019 Argentometric Method	250	1000	2.93
5	Total Hardness	mg/l	IS 3025 (Part 21): 2009, RA 2019 EDTA Titrimetric Method	200	600	28.34
6	Total Alkalinity	mg/l	IS 3025 (Part 23): 1986 RA 2019 Indicator Method	200	600	48
7	Total Iron	mg/l	IS 3025 (Pt.53) 2003, RA 2019 1-10 Phenanthroline Method	0.3	No relaxation	<0.1
8	Total Arsenic	mg/l	IS : 3025 (Part 37): 2022 Silver Diethyl Dithiocarbamate method	0.01	No relaxation	<0.01

Reviewed By

  
29/02/2024

Goutam Dam (Chemist)

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

Issued By :

  
29-02-24

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 \*\*\*\*

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

**Sample received: 21.02.2024      Date of testing: 21.02.2024  
Sample Collected by: Customer**

**Bandhan School Aranghata,  
Anandanagar, Ranaghat, Nadia, West Bengal**

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

(NF = Not Found)

*[Signature]*  
22/02/2024

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

*[Signature]* 22/2/24

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

The water sample, collected by the customer was found safe as per testing parameters. This certificate is valid for about 6 (six) months if contamination does not occur due to defects of water supply.

Assistant Engineer  
Nadia Arsenic Division  
P.H.E.Dte  
Govt. of W.B

*Mahna HC*

*[Signature]*  
Assistant Engineer-I  
Nadia Arsenic Division  
P.H.E.Dte