Government of West Bengal
Public Health Engineering Directorate
Kalyani State Referral Laboratory,
Haringhata Water Treatment Plant, Kalyani, Nadia.

Test Report

The Bandhan School Aranghata
Arkishma, West Bengal, 741501

Date of Received of Sample: 14.09.2026
Date of Testing: 14.09.2026
Date of Completion: 15.09.2026
Sample Particulars: 100 ml

Type of Sample: Drinking Water
Sample Source: R.O. Water

Sample Collected by: Customer

Sl No	Test Parameter	Unit	Method	Requirements *(AS PER - IS 10500 : 2012)*	Result
1	Total *Coliform*	CFU	IS 15185 Membrane Filtration Method	Shall not be detectable in any 100 ml Sample	0
2	Faecal *Coliform*	CFU	IS 15185 Membrane Filtration Method	Shall not be detectable in any 100 ml Sample	0

15/09/2026

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

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

TC-17317

KALYANI STATE REFERRAL LABORATORY

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

Test Report

Issued To :

THE BANDHAN SCHOOL ARANGHATA,
ARKISHMA, WEST BENGAL,741501.
SAMPLE SOURCE : RO WATER.

ULR NO : TC1731726000000628F
Test Report No: KSRL/SEP/26/38
DATE: 21.09.2026

Ref Memo No : NIL

Sample Particulars:
Sample Description: 500 ml preserved with HCl,500 ml without preservative.
Sample Code: NDWTL/09/26/38
Date of Receive of Sample: 01.09.2026
Date of Starting Analysis: 01.09.2026
Sample Collected by : Customer

Location of laboratory activities - Chemical lab

Type of Sample : Drinking Water
Date of Completion: 21.09.2026
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	Colour	HU	IS 3025 (Part-4) : 2021 Visual Comparison Method	5	15	<5
2	Odour		IS 3025(Part 5):2018	Agreeable	Agreeable	Agreeable
3	Taste		IS 3025(Part 8):2023	Agreeable	Agreeable	Agreeable
4	pH		IS 3025 (Part 11): 2022 Electrometric method	6.5-8.5	No relaxation	7.92
5	Turbidity	NTU	IS 3025 (Pt 10): 202 Nephelometric Method	1	5	<0.1
6	Total dissolved solid	mg/l	IS 3025 (Part 16): 20 Gravitymetric Method	500	2000	313.00
7	Total Alkalinity	mg/l	IS 3025 (Part 23):2023 Indicator Method	200	600	232.00
8	Total Hardness	mg/l	IS 3025 (Part 21) Amd.1 :2000 EDTA Titrimetric Method	200	600	241.93
9	Chloride	mg/l	IS 3025 (Part 32): 2025 Argentometric Method	250	1000	11.82
10	Total Iron	mg/l	3111 B,APHA,24th Edition 2023 Air acetylene flame method	0.3	No relaxation	<0.1
11	Total Arsenic	mg/l	3111 B,APHA,24th Edition 2023 Continuous hydride generator method	0.01	No relaxation	<0.010

Reviewed By

21/09/26
(Chemist)
Mr. Basanta Barman
Chemist
Authorised Signatory

Issued By :

21-09-26
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 *****