

BASIRHAT SUB DISTRICT WATER TESTING LABORATORY

(UNDER BARASAT DIVISION, PHE DTE.)

GOVT. OF WEST BENGAL, PUBLIC HEALTH ENGINEERING DIRECTORATE, OFFICE OF THE ASSISTANT ENGINEER, BASIRHAT SUB DIVISION
Sarat Bose Road, Basirhat Municipality, PIN CODE: 743411, Mail: subdistrictlabbasirhat@gmail.com

WATER ANALYSIS REPORT

Date of Issue: -

26-03-25

Report No.:-

291

Sample Details

Name of Customer:-	THE FUTURE SCHOLARS ACADEMY ARBALIA, BADURIA N 24 PGS
Sample ID:-	291
GRN No. :-	192024250449889958
Date :-	18-03-25
Work Order Number :-	N/A
Date :-	N/A
Sample Package Condition:-	a. Quantity of sample received - 250ml (A), 100ml (B) b. Type of container - PP (Poly Propylene) c. Good condition maintained at 4°C

Details of Sampling

Nature of sample:-	Drinking Water
Sample Collection Date :-	19-03-25
Sample Receive Date:-	19-03-25
Sample registration Date :-	19-03-25
Sampling Protocol:-	Samples are not collected by this Laboratory
Sample Collected by :-	PARTY
Sample Location :-	THE FUTURE SCHOLARS ACADEMY

Location of performance of the laboratory activities - At laboratory

Environment Condition at the time of testing:

a. Temperature :-

26.9 °C

b. Humidity :-

74%

TEST REPORT

Test Started On-		19-03-25		Test Completed On-		20-03-25
Sl.	Test Parameters	Method	Units	Requirements (IS 10500)		Result
				Acceptable Limit	Permissible Limit	
2	Colour	APHA 24th Edition 2023, 2120 Colour Method B (Platinum Cobalt Visual Comparison)	HU	1	5	N.T
2	Odour	IS 3025 (Part 5): 2018	-	-	-	N.T
3	Taste	IS 3025 (Part 8): 2023	-	-	-	N.T
4	pH (@25°C)	IS 3025 (Part 11): 2022, Electrometric method	-	6.5-8.5	No Relaxation	7.3
5	Turbidity	IS 3025 (Part 10): 2023, Electrometric method	NTU	1.0	5.0	1.03
6	Total Dissolved Solids (TDS)	IS 3025 (Part 16): 2023, Gravimetric Method	mg/l	200	600	159
7	Total Hardness* (As CaCO ₃)	IS 3025 (Part 21): 2009 RA 2019, Titrimetric Method	mg/l	500	2000	72.8
8	Total Alkalinity* (As CaCO ₃)	IS 3025 (Part 23): 2023, Titrimetric Method	mg/l	200	600	N.T
9	Calcium as Ca	APHA 24 th edition 2023, 3500 Ca Method B (EDTA) Method	mg/l	75	200	N.T
10	Magnesium as Mg	APHA 24 th Edition 2023, 3500-Mg Method B (BY Calculation)	mg/l	30	100	N.T
11	Chloride	IS 3025 (Part 32): 1988 RA 2019, Titrimetric Method	mg/l	250	1000	17.1
12	Total Iron	APHA 24th Edition 2023, 3111-Fe Method B Direct Alr -Acetylene Flame Method	mg/l	1.0	No Relaxation	0.061
13	Total Arsenic	3114C, APHA 24th Edition 2023, Continuous Hydride Generator Method	mg/l	0.01	No Relaxation	0.003
14	Total Coliform	Membrane Filtration Technique	CFU	0	No Relaxation	0
15	Feacal Coliform	Membrane Filtration Technique	CFU	0.0	No Relaxation	0

Analysed by :-

[Signature]

Chemist
Basirhat Sub District
Water Testing Laboratory
Basirhat Sub-Divn.
PHE Dte

[Signature]
Assistant Engineer
Basirhat Sub-Division
P.H.E Dte.

Note :

- The contents of the report shall not be taken in part without prior written consent of the laboratory.
- The results relate to only to the items tested.
- Statement of conformity: none (not ask by customer), Hence Decision rule is not applicable.
- The Laboratory is responsible for all the informations given in this report

END OF REPORT