

BODAI SUB DISTRICT WATER TESTING LABORATORY

(UNDER BARASAT DIVISION, PHE DTE.)

GOVT. OF WEST BENGAL, PUBLIC HEALTH ENGINEERING DIRECTORATE, OFFICE OF THE EXECUTIVE ENGINEER, BARASAT DIVISION

Vill - Amdanga, P.O- Arkhali-Amdanga, PIN CODE: 743221, Mail: bodailab.bd@gmail.com

5057
PMS/18

WATER ANALYSIS REPORT

Date of Issue :-

18-07-25

Report No.:-

987

Sample Details

Name of Customer:-	BHOLANANDA NATIONAL ACADEMY
Sample ID:-	987
GRN No. :-	192025260162568711
Date :-	16-07-25
Work Order Number :-	BNA/PHED/01/2025-26
Date :-	16-07-25
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 :-	17-07-25
Sample Receive Date:-	17-07-25
Sample registration Date :-	17-07-25
Sampling Protocol:-	Samples are not collected by this Laboratory
Sample Collected by :-	PARTY
Sample Location :-	BACK SIDE OF MAIN BUILDING

Location of performance of the laboratory activities - At laboratory

Environment Condition at the time of testing:

a. Temperature :-	24.8 °C	b. Humidity :-	44%
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TEST REPORT

Test Started On-		17-07-25		Test Completed On-		18-07-25	
Sl.	Test Parameters	Method	Units	Requirements (IS 10500)		Result	
				Acceptable Limit	Permissible Limit		
1	Colour	APHA 24th Edition 2023, 2120 Colour Method B (Platinum Cobalt Visual Comparison)	HU	1	5	N.A	
2	Odour	IS 3025 (Part 5): 2018	-	-	-	N.A	
3	Taste	IS 3025 (Part 8): 2023	-	-	-	N.A	
4	pH (@25°C)	IS 3025 (Part 11): 2022, Electrometric method	-	6.5-8.5	No Relaxation	7.02	
5	Turbidity	IS 3025 (Part 10): 2023, Electrometric method	NTU	1.0	5.0	0.83	
6	Total Dissolved Solids (TDS)	IS 3025 (Part 16): 2023, Gravimetric Method	mg/l	200	600	498.6	
7	Total Hardness* (As CaCO ₃)	IS 3025 (Part 21): 2009 RA 2019, Titrimetric Method	mg/l	500	2000	364.37	
8	Total Alkalinity* (As CaCO ₃)	IS 3025 (Part 23): 2023, Titrimetric Method	mg/l	200	600	N.A	
9	Calcium as Ca	APHA, 24 th edition 2023, 3500 Ca Method B (EDTA) Method	mg/l	75	200	N.A	
10	Magnesium as Mg	APHA 24 th Edition 2023, 3500 Mg Method B (By Calculation)	mg/l	30	100	N.A	
11	Chloride	IS 3025 (Part 32): 1988 RA 2019, Titrimetric Method	mg/l	250	1000	N.A	
12	Total Iron	APHA, 24th Edition 2023, 3111-Fe Method B Direct Air -Acetylene Flame Method	mg/l	1.0	No Relaxation	0.085	
13	Total Arsenic	3114C, APHA 24th Edition 2023, Continuous Hydride Generator Method	mg/l	0.01	No Relaxation	0.004	
14	Total Coliform	Membrane Filtration Technique	CFU	0	No Relaxation	0	
15	Faecal Coliform	Membrane Filtration Technique	CFU	0.0	No Relaxation	0	

Analysed by :

Sayanti Chakraborty 18/07/25
Chemist

Bodai Sub District

Water Testing Laboratory

Note :

- The contents of the report shall not be reproduced either in full or in part without prior written consent of the issuing authority.
- 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 the informations given in this report

Principal

Bholananda National Academy
Kankinara
Panpur, 24 Pgs. (N), W.B. Pin-743126

END OF REPORT

Assistant Engineer
R.W.B. Barasat Sub-Division
P.H. Engineering Div.
Govt. of West Bengal

Swati Panda

Manager
Bholananda National Academy
Kankinara
Panpur, 24 Pgs. (N), W.B. Pin-743126

GOVERNMENT OF WEST BENGAL
DEPARTMENT OF WATER RESOURCES INVESTIGATION & DEVELOPMENT
STATE WATER INVESTIGATION DIRECTORATE
REGIONAL CHEMICAL & HYDROLOGICAL LABORATORY
BARASAT, NORTH 24 Pgs

REPORT OF WATER ANALYSIS

Sample received from:-Bholananda National Academy,(A Unit of Bholananda Ashram Trust ,Barrackpore) Co-Educational English Medium School

The following information(I-VII))as per the application of the applicant

I.Address:Kakinara, Panpur, 24 Pgs (N), West Bengal, Pin-743122

II.Type of source: Submersible

III.Depth of source:300 ft. (Approx.)

IV.Location:-Mouza:R.S Dag No-1538 &1539, L.R Dag No.2221 & 2222,Jl.No-05, Mouza-Panpur, Post-Narayanpore BlockDumDum Municipality,P.S:Airport,Dist: North 24 Parganas, P.S-Airport, Pin-700081. Geo Coordinate:Lat-22°856004, Long: 88°439601

V.Date of collection:10.06.2025

VI.Chemical Examination Charges – Rs.1500/- (Rupees One thousand five hundred only). Payment Mode: On line Payment

VII.Payment Bank:State Bank Of India,Payment Detail: GRN: 192025260096533371, GRN Date: 05.06.2025,BRN: CK00ITGVU2 BRN Date: 05.06.2025

Sample ID: **CS-07/25-26/Q-1/07**

Sl no.	Parameters	Result of analysis
Sample ID: CS-07/25-26/Q-1/07		
1	pH	7.33
2	Sp. Conductivity in micromhos at 25 ⁰ c	786
3	Total dissolved solid(TDS) in mg/L	503
4	Carbonate as CaCO ₃ in mg/L	NIL
5	Bicarbonate Alkalinity as CaCO ₃ in mg/L	420
6	Chloride(Cl ⁻) in mg/L	21
7	Total Hardness as CaCO ₃ in mg/L	410
8	Total Iron in mg/L	0.05
9	Arsenic in mg/L	BDL

* Test was performed with the sample which was not drawn by us.

Arsenic estimation: Merckoquant (R) Arsenic Test Kit, (Merck made), BDL for Arsenic: 0.005 mg/L

Iron estimation: Move 100 Colorimeter using Spectroquant ® Iron Test reagent (Merck made)

Memo No: 77 /RCHL/BST

Dated, Barasat, the 17.06.2025

Issued to:Bholananda National Academy,(A Unit of Bholananda Ashram Trust ,Barrackpore) Co-Educational English Medium School



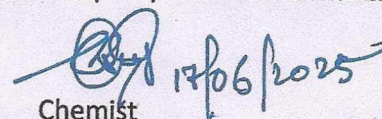
Principal

Bholananda National Academy
Kankinara
Panpur, 24 Pgs. (N), W.B. Pin-743126



Manager

Bholananda National Academy
Kankinara
Panpur, 24 Pgs. (N), W.B. Pin-743126



Chemist

Regional Chemical & Hydrological Laboratory
SWID, Barasat, North 24 Pgs

OFFICE OF THE

PANPUR - KEUTIA GRAM PANCHAYAT

P.O.-Narayanpur, Via - Kankinara, P.S.- Basudevnpur, Dist. - North 24 Pgs., Pin - 743126

Email : panpurgp@gmail.com

Smt Sumita Ghosh
- Pradhan
Mob : 8620036748

Smt Sima Dey Bibi
- Upa Pradhan
Mob : 9123871969

Ref. No.225/PKGP/2025.....




Date24/07/2025.....

SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

It is certified that an inspection team headed by RAKHI MAJHI ROY, VRP SUPERVISOR, from PANPUR – KEUTIA GRAM PANCHAYAT inspected BHOLANANDA NATIONAL ACADEMY (UNIT OF SREE GURU BHOLANANDA ASHRAM TRUST), KANKINARA, PANPUR, P.O. NARAYANPUR, DIST. NORTH 24 PARGANAS, WEST BENGAL, PIN 743126 on 23-06-2025 and on the basis of Water Test Report (Attached) bearing no 987 dated 18.07.2025 of PHED, OFFICE OF THE EXECUTIVE ENGINEER, BARASAT DIVISION, GOVT. OF WEST BENGAL certified that the BHOLANANDA NATIONAL ACADEMY has safe drinking water facilities for the students and staff members of the institution. School also maintains the Hygienic Sanitation condition in the school building & the campus as per norms prescribed by the State Govt.

This certificate is valid till 23 – 07 - 2029

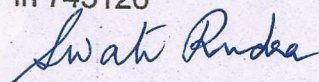

24-07-2025

Smt. Sumita Ghosh
Pradhan
Panpur Keutia Gram Panchayat
Pradhan
Panpur Keutia Gram Panchayat
P.O.- Narayanpur, Dist.- North 24 Pgs.

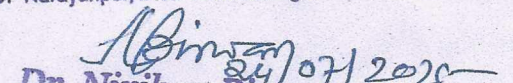
To,
Bholananda National Academy
(Unit of Sree Guru Bholananda Ashram Trust),
Kankinara, Panpur, P.O. Narayanpur,
Dist. North 24 Parganas, WB Pin 743126


Principal

Bholananda National Academy
Kankinara
Panpur, 24 Pgs. (N), W.B. Pin-743126


Manager

Bholananda National Academy
Kankinara
Panpur, 24 Pgs. (N), W.B. Pin-743126


24/07/2025
Dr. Nirjhar Biswas
D.M.S (Kol)
Reg. No - C.C.H- 6703
Homoeo Medical Officer
(Govt. of W.B.)
Panpur Keutia G.P., Barrackpore-I