

MANGAL PANDAY WTP WATER TESTING LABORATORY

OFFICE OF THE EXECUTIVE ENGINEER,
NORTH 24 PARGANAS WATER SUPPLY DIVISION-I,
P.H.E. DTE.

Laboratory Address: Near Airport Area, Barrackpore, West Bengal, PIN-743144.
Contact No. 033 – 2594 7946. Email id. labdata.mpwtl@gmail.com



TEST REPORT

ULR NO.	TCI24412600000581F	Sample ID	MP/26/03/78	Reporting Date	18-03-2026
Issued to	PRINCIPAL, SAHU ACADEMY				
Sample Source	20/3 NEW CHORD ROAD, KANKINARA, BHATPARA, NORTH 24 PARGANAS, PIN - 743126		Collected by	Customer	
Memo Ref	NA			Date	NA
Sample particulars	Acidified Sample	250 ml	Non-acidified sample	500 ml	Type of Sample DRINKING WATER
Date of receive	11-03-2026				
Date of Starting of Analysis	12-03-2026		Date of Completion of Analysis		17-03-2026

N.B.: Sample tested as received

We hereby certify that the following sample submitted to the laboratory has been analyzed with the following results:

ANALYSIS OF RESULTS

Sl. No.	Test Parameters	Unit	Test Methods	Recommended Drinking Water Quality as per IS 10500 : 2012 (Second Revision)		Results	Remarks
				Requirement (Acceptable Limit)	Permissible Limit in the absence of alternate Source		
1	pH	---	IS 3025 (Pt.II) : 2022, Electrometric method	6.5-8.5	6.5-8.5	8.05 at 24.6°C	
2	Total dissolved solids	mg/L	IS 3025 (Pt.16) : 2023, Gravimetric Method	500	2000	279	
3	Total Iron	mg/L	IS 3025 (Pt.53) : 2003, RA 2019, I-I0 Phenanthroline Method	1	No Relaxation	<0.1	
4	Turbidity	NTU	IS 3025 (Pt.10) : 2023, Nephelometric Turbidity Meter	1	5	0.71	
5	Chloride	mg/L	IS 3025(Pt.32) : 1988,RA 2019, Argentometric Method	250	1000	37.72	
6	Alkalinity	mg/L	IS 3025 (Pt.23) : 2023, Indicator Method	200	600	180	
7	Total Hardness	mg/L	IS 3025 (Part 21) : 2009, RA 2019, EDTA Titrimetric Method	200	600	180	
8	Total Arsenic	mg/L	IS : 3025 (Pt.37) 2022 Silver Diethyl Dithiocarbamate method	0.01	No Relaxation	<0.01	

Reviewed By:

Name: Swarup Mukhopadhyay
Designation: Chemist

Mr. Aniruddha Goon
Technical Manager
Authorised Signatory

Mangal Panday WTP Water Testing Laboratory

** End of Report **

- The Result Relate only to the Item(s) Tested.
- The Test Report cannot be reproduced except in full, Without the Permission of Executive Engineer, North 24 Parganas Water Supply Div – I or Quality Manager.
- Sample not drawn by us.

MANGAL PANDAY WTP WATER TESTING LABORATORY

OFFICE OF THE EXECUTIVE ENGINEER,
NORTH 24 PARGANAS WATER SUPPLY DIVISION-I,
P.H.E. DTE.

Laboratory Address: Near Airport Area, Barrackpore, West Bengal, PIN-743144.
Contact No. 033 – 2594 7946. Email id. labdata.mpwtl@gmail.com

TEST REPORT

ULR NO.	NA		Sample ID	MP/26/03/78	Reporting Date	18-03-2026	
Issued to	PRINCIPAL, SAHU ACADEMY						
Sample Source	20/3 NEW CHORD ROAD, KANKINARA, BHATPARA, NORTH 24 PARGANAS, PIN - 743126			Collected by	Customer		
Memo Ref	NA				Date	NA	
Sample particulars	Acidified Sample	250 ml	Non-acidified sample	500 ml	Type of Sample	DRINKING WATER	
Date of receive	11-03-2026					Date of Completion of Analysis	17-03-2026
Date of Starting of Analysis	12-03-2026						

ANALYSIS OF RESULTS

Sl. No.	Test Parameters	Unit	Test Methods	Recommended Drinking Water Quality as per IS 10500 : 2012 (Second Revision)		Results	Remarks
				Requirement (Acceptable Limit)	Permissible Limit in the absence of alternate Source		
A1	Salinity	ppt	Electrometric	-	-	0.1	
A2	Conductivity	µS/cm	Electrometric	-	-	464	
A3	Residual Free Chlorine	mg/L	Colorimetric, DPD, with Colour-Disk Comparator Method	0.1	2	<0.1	
A4	Nitrate	mg/L	Spectrophotometric Method	45	No relaxation	2.1	
A5	Fluoride	mg/L	Spectrophotometric Method	1	1.5	<0.1	
Organisms				Guidelines		Results	Remarks
A6	All water intended for drinking: E.coli or Thermotolerant Coliform Bacteria			Must not be detectable in any 100 ml sample		Not Detected	

Reviewed By:

Name: Swarup Mukhopadhyay
Designation: Chemist

Apson
Mr. Aniruddha Goon
Technical Manager
Authorised Signatory

Mangal Panday WTP Water Testing Laboratory

Annexure C

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No.

Dated: 7/04/2026

It is certified that an inspection team headed by Mr. Aniruddha Goen (Tech. Manager)

(Name of Officers with designation) from Mangal Pandey WTP Water Testing Lab PHED

inspected the Sahu Academy, Kankinara, Bhatpara, N.B.-743126

(Name & Address of the school) on 17/03/2026 (date of inspection) and on the basis of

Water Test Report (Attached) bearing no. TC1244/26000000581F dated 17/03/2026

of Mangal Pandey WTP Water Testing Lab (PHED Lab) certified that the

Sahu Academy (Name of school) has safe drinking water

facilities for the students and members of staff of the institution. School is also maintains the hygienic sanitation condition in the school building & the campus as per norms prescribed by the

Central/ State/ U.T. Govt.

This certificate is valid till 31/3/2027.

Signature with Seal: Assistant Engineer
Name: Bhatpara Municipality
Designation: Nilabrate Biswas
Name & Address of the Office / Department: Ass't. Engineer

To Sahu Academy
20/3, New Chord Road (Near Kalapokhan) Kankinara - 743126
(Name & Address of the Institution)

Note: The certificate is to be issued by authorized officer / PHED Lab / local bodies