

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.	TCI24412500000482F	Sample ID	MP/25/12/461	Reporting Date	I9-12-2025	
Issued to	GYANJYOTI PUBLIC SCHOOL					
Sample Source	VILL- CHANDUA, P.O. - KANCHRAPARA, BESIDE BARRACKPORE-KALYANI EXPRESSWAY, P.S. - BIZPUR, DIST. - NORTH 24 PARGANAS - 743145, WEST BENGAL		Collected by	Customer		
Memo Ref	GPS/060/25-26			Date	I0-12-2025	
Sample particulars	Acidified Sample	250 ml	Non-acidified sample	500 ml	Type of Sample	DRINKING WATER
Date of receive	I2-12-2025					
Date of Starting of Analysis	I3-12-2025		Date of Completion of Analysis		I8-12-2025	

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.11) : 2022, Electrometric method	6.5-8.5	6.5-8.5	7.72 at 25.3°C	
2	Total dissolved solids	mg/L	IS 3025 (Pt.16) : 2023, Gravimetric Method	500	2000	413	
3	Total Iron	mg/L	IS 3025 (Pt.53) : 2003, RA 2019, I-10 Phenanthroline Method	1	No Relaxation	<0.1	
4	Turbidity	NTU	IS 3025 (Pt.10) : 2023, Nephelometric Turbidity Meter	1	5	1.19	
5	Chloride	mg/L	IS 3025(Pt.32) : 1988,RA 2019, Argentometric Method	250	1000	21.21	
6	Alkalinity	mg/L	IS 3025 (Pt.23) : 2023, Indicator Method	200	600	332	
7	Total Hardness	mg/L	IS 3025 (Part 2I) : 2009, RA 2019, EDTA Titrimetric Method	200	600	364	
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 Gooa
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.

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TEST REPORT

ULR NO.	NA	Sample ID	MP/25/12/461	Reporting Date	19-12-2025	
Issued to	GYANJYOTI PUBLIC SCHOOL					
Sample Source	VILL- CHANDUA, P.O. - KANCHRAPARA, BESIDE BARRACKPORE-KALYANI EXPRESSWAY, P.S. - BIZPUR, DIST. - NORTH 24 PARGANAS - 743145, WEST BENGAL		Collected by	Customer		
Memo Ref	GPS/060/25-26			Date	10-12-2025	
Sample particulars	Acidified Sample	250 ml	Non-acidified sample	500 ml	Type of Sample	DRINKING WATER
Date of receive	12-12-2025					
Date of Starting of Analysis	13-12-2025		Date of Completion of Analysis		18-12-2025	

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	-	-	0.3	
A2	Conductivity	µS/cm	Electrometric	-	-	687	
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	-	
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




Mr. Aniruddha Goen
Technical Manager
Authorised Signatory

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