

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.mpwll@gmail.com



TC-12441

TEST REPORT

ULR NO	TC124412400000068F	Sample ID	MP/24/02/66	Reporting Date	23/02/2024	
Issued to	MOUNT LITERA ZEE SCHOOL					
Sample Source	MOUNT LITERA ZEE SCHOOL, BARRACKPORE, P O - SURYAPUR, DIST- N 24 PGS,KOLKATA - 700121	Collected by	Customer			
Memo Ref	MLZS/075/23-24	Date	N A			
Sample particulars	Acidified Sample	250 ml	Non-acidified sample	500 ml	Type of Sample	DRINKING WATER
Date of receive	16/02/2024					
Date of Starting of Analysis	17/02/2024	Date of Completion of Analysis	22/02/2024			

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	7.52 At 25.6°C	
2.	Total dissolved solids	mg/L	IS 3025 (Pt.16) 2023 Gravimetric Method	500.00	2000.00	65	
3.	Total Iron	mg/L	IS 3025 (Pt.53) 2003, RA 2019 1-10 Phenanthroline Method	1.0	No Relaxation	<0.1	
4.	Turbidity	NTU	IS 3025 (Pt.10) 2023 Nephelometric Turbidity Meter	1.00	5.00	0.89	
5.	Chloride	mg/L	IS 3025(Pt.32) 1988,RA 2019 Argentometric Method	250.00	1000.00	19.71	
6.	Alkalinity	mg/L	IS 3025 (Pt.23) 2023 Indicator Method	200.00	600.00	44	
7.	Total Hardness	mg/L	IS 3025 (Part 21): 2009, RA 2019 EDTA Titrimetric Method	200.00	600.00	49	
8	Total Arsenic	mg/L	IS : 3025 (Pt.37) 2022 Silver Diethyl Dithiocarbamate method	0.01	No Relaxation	<0.01	

Checked By:

Name: Swarup Mukhopadhyay

Designation: Chemist

Mangal Panday WTP Water Testing Laboratory

Mr. Aniruddha Goon
Technical Manager
Authorised Signatory

** 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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				Requirement (Acceptable Limit)	Permissible Limit in the absence of alternate Source		
A1	Salinity	ppt	Electrometric	-	-	0	
A2	Conductivity	μ S/cm	Electrometric	-	-	108.5	
A3	Residual Free Chlorine	mg/L	Colorimetric, DPD, with Colour-Disk Comparator Method	0.10	2.00	<0.1	
A4	Nitrate	mg/L	Spectrophotometric	45	No relaxation	0.6	
Organisms				Guidelines		Results	Remarks
A5	All water intended for drinking: E.coli or Thermotolerant Coliform Bacteria			Must not be detectable in any 100 ml sample		Not Detected	

Checked By:

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