

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.mpvwtl@gmail.com



TEST REPORT

URL NO	TC86182300000844F	Sample ID	MP 2V/03/94	Reporting Date	24/09/2023
Issued to	M/S VISHVARAJ ENVIRONMENT PVT. LTD.				
Sample Source	Clear Water Reservoir of Baranagar-Kamohat Water Treatment Plant, Ph-II, at 1 No R N Tagore Road, Kolkata-700075	Collected by	Customer		
Memo Ref	215/EE/BD/W&S/KMDA/W-04/22-23	Date	09/09/2023		
Sample particulars	Acidified Sample	500 ml	near-untreated sample	1000 ml	Type of Sample DRINKING WATER
Date of Starting of Analysis	16/09/2023	Date of Completion of Analysis	23/09/2023		


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) 1983, RA 2017 Electrometric method	6.5-8.5	6.5-8.5	7.31 At 25 °C	Pass
2	Total dissolved solids	mg/L	IS 3025 (Pt 16) 1984, RA 2017 Gravimetric Method	500.00	2000.00	155	Pass
3	Total Iron	mg/L	IS 3025 (Pt 23) 2003, RA 2014 1-10 Phosphorothionine Method	1.0	No Relaxation	<0.1	Pass
4	Turbidity	NTU	IS 3025 (Pt 10) 1984, RA 2017 Nephelometric Turbidity Meter	1.00	5.00	0.72	Pass
5	Chloride	mg/L	IS 3025 (Pt 32) 1988, RA 2014 Argentometric Method	250.00	1000.00	11.7	Pass
6	Alkalinity	mg/L	IS 3025 (Pt 23) 1986, RA 2014 Indicator Method	200.00	600.00	86.8	Pass
7	Total Hardness	mg/L	IS 3025 (Part 21) 2009, RA 2014 EDTA Titrimetric Method	200.00	600.00	104	Pass

Remarks: The sample is accepted, considering as per decision rule. (Result-MU) > LSL- Pass, (Result+MU) < USL- Pass.

Checked By: 
Name: Rana Sen
Designation: Chemist


Mangal Pandey WTP Water Testing Laboratory
Mr. Aniruddha Goon
Technical Manager
Authorised Signatory

- The Result Relate only to the Items 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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Contact No. 033-25947946.

Email id. labdata.mpwtl@gmail.com

TEST REPORT


U/R NO	TC86182300000844F	Sample ID	MPY 23/03/2023	Reporting Date	24/03/2023
Issued to	M/S VISHVARAJ ENVIRONMENT PVT. LTD.				
Sample Source	Clear Water Reservoir of Baranagar-Kamohat Water Treatment Plant, Ph-II, at 1 No R.N. Tagore Road, Kolkata-700075	Collected by	Customer		
Method	210EE/BDWS/SKMDA/W-04/22-23	Date	06/03/2023		
Sample particulars	Accelerated Sample	500 ml	Non-accelerated sample	1000 ml	Type of Sample: DRINKING WATER
Date of Starting of Analysis	16/03/2023	Date of Completion of Analysis	23/03/2023		

NR. Sample serial as received

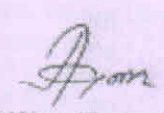
We hereby certify that the following sample submitted to the laboratory has been analyzed with the following results:

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		
A1	Residual Free Chlorine	mg/L	Colorimetric, DPD, with Color-Disk Comparator Method	0.30	2.00	<0.1	-
A2	Salinity	ppt	Electrometric	-	-	0	Pass
A3	Conductivity	µS/cm	Electrometric	-	-	250	Pass
A4	Nitrate	mg/L	Spectrophotometric	45	No relaxation	1.05	Pass
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	Pass

Checked By: 
Name: Rana Sen
Designation: Chemist

Mangal Pandey WTP Water Testing Laboratory


Mr. Anrudha Goon
Technical Manager
Authorised Signatory