

MALDA DISTRICT WATER TESTING LABORATORY
 PUBLIC HEALTH ENGINEERING DEPARTMENT
 GOVT. OF WEST BENGAL
 R.W.S. CAMPUS N. S. ROAD, MALDA, PIN-732101
 Email: maldadistrictwtl@gmail.com



Accreditation Laboratory
 Certificate Number TC-10388

TEST REPORT

Issued to: English Bazar Water Treatment Plant
 English Bazar Municipality, Daibakipur,
 Dist.-Malda, West Bengal

ULR No: TC1038822100000076F
 Date: 28/10/2022
 Ref Memo No.: Nil

Sample Description: 1000ml
 Sample Code: MDWTL/22-23/076
 Test Parameters: Chemical Analysis Report of Water (Limit as per IS: 10500:2012).
 Dt. Of Receive of Sample: 21/10/2022
 Dt. Of Starting of Analysis: 21/10/2022
 Sample Collected by: Customer

Type of Sample: Drinking Water
 Date of completion: 21/10/2022
 Sample tested as received

Chemical TEST RESULTS

Sl. No.	Test Parameters	Unit	Test Methods	Requirement (Acceptable Limit)	Permissible Limit in the absence of alternate Source	Results
				As per IS 10500: 2012		
1.	pH	---	IS 3025 (Part 11) 2017	6.5-8.5	6.5-8.5	7.10
			Electrometric method Reaffirmed			
2.	Total dissolved solids	mg/L	IS 3025 (Pt 16) 2017	500	2000	124
			Gravimetric Method			
3.	Total Iron	mg/L	3111 B APHA, 23 rd Edition 2017 Direct Air-Acetylene Flame Method (AAS):2017	0.3	1	BDL
4.	Turbidity	NTU	IS 3025 (Pt 10) 1984, RA 2017	1	5	1.04
			Nephelometric Turbidity Meter			
5.	Calcium	mg/L	IS 3025 (Part 40):2019	5	2000	14.34
6.	Chloride	mg/L	IS 3025 (Part 32): 2014	250	1000	10.66
			Argentometric Method Reaffirmed			
7.	Total Alkalinity	mg/L	IS 3025 (Part 23) 2019, Indicator Method	200	600	52.56
8.	Colour	HU	IS 3025 (Part 4) 1983,	5	15	5
9.	Total Hardness	mg/L	IS 3025 (Part 21) : 2019 EDTA Titrimetric Method	200	600	115.54
10.	Odour		IS 3025 (Part-5):1983,	Qualitative		Agreeable
11.	Taste		IS 3025 (Part-7):1984	Qualitative		Agreeable
12.	Magnesium	mg/L	IS 3025 (Part 46):2019	5	1000	19.12

Checked By: *[Signature]*

The Result Relate only to the item(s) Tested.
 The Test Report cannot be reproduced except in full, Without the Permission of Executive Engineer, Malda Division, Or Quality Manager.
 Sample not drawn by us.

[Signature]
 Authorized Signatory (TM):
MD. ENATULLA SK.
 Technical Manager
 Authorised Signatory



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1. Report no.: 310/22-23
2. Date of testing : 21/10/2022
3. Type of sample container : Plastic Bottle & Plastic Sterile Bottle.

4. Date of water sample collection : 21/10/2022
5. Water Sample was collected by Lab-Assistant.

THE SAMPLES HAS/HAVE BEEN CAUSED TO BE CHEMICALLY / BACTERIOLOGICAL WATER QUALITY EXAMINED AND FINDINGS ARE AS FOLLOWING:

SAMPLE'S DESCRIPTION	TYPE & DEPTH OF SOURCE	CHEMICAL TEST						BACTERIOLOGICAL TEST (CFU / 100 ml)		Remarks
		Fluoride (F ⁻) mg/lit	Total Arsenic (As) mg/lit	Free Residual Chlorine	Conductivity (µs.)	Manganese (Mn) mg/lit	Total Coliform	E Coli		
English Bazar Water Treatment Plant English Bazar Municipality, Daitakipur, Dist.-Malda, West Bengal	Treated Water	BDL	BDL	0.80	207	BDL	Not Detected in 100 ml sample	Not Detected in 100 ml sample		
DRINKING WATER SPECIFICATION (AS PER IS: 10500 : 2012)										
Acceptable Limit		(F ⁻)	Arsenic (As)	Manganese (Mn)	Conductivity	Free Residual Chlorine	Bacteriological PFU / 100 ml			
		1.00 mg/lit	0.01 mg/lit	0.10 mg/lit	4000 (µs.)	0.2 mg/lit	Total Coliform	E Coli		
Permissible Limit in the absence of alternate Source		1.50 mg/lit	No Relaxation	0.30 mg/lit		1.0 mg/lit	Shall not be detectable in any 100 ml Sample			
# BDL :- Below Detectable Limit							Shall not be detectable in any 100 ml Sample			

5. P. D. T. E.
 BACTERIOLOGIST
 MALDA DISTRICT WATER TESTING LABORATORY
 P.H.E.D.T.E

2. S. K. S.
 CHEMIST
 MALDA DISTRICT WATER TESTING LABORATORY
 P.H.E.D.T.E