



TC-16688

TEST REPORT

Name & Address of the customer:

Reference No. of Customer : No.F.3(11)/principal/UKAEM/2022/78
Report No : DLWTI/WEST/26/69
Date : 11.05.26
Sample ID : DLWTI/WEST/NABI./26/69
Date of Receipt of Sample : 11.05.26
Date of Performance : 13.05.26

Principal- Umakanta Academy Eng.
Medium, Agartala

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

1.	Description of Sample Container (As declared by customer)	:Plastic
2.	Volume of Sample Received :	:2 litres
3.	Sample Mark (if any, given by the customer)	:NA
4.	Date of Sampling declared by customer	:11.05.26
5.	Place of Sampling declared by customer	: Umakanta Academy Eng. Medium,
6.	Environmental conditions during Analysis:	:Temperature: 24.0°C Humidity:66


Analysis of Result

Sl. No.	Name of Item	Desirable Limit (BIS 10500:2012)	Permissible Limit (BIS 10500:2012)	Method of Testing	Result
1	Turbidity in N.T.U	1	5	APHA 24th Edition 2130 B	1.00
2	pH value	6.5-8.5	No Relaxation	APHA 24th Edition 4500-H ⁺ B	7.09
3	Odour	Un Objectionable	Un Objectionable	APHA 24th Edition 2160 C	Agreeable
4	Taste	Un Objectionable	Un Objectionable	APHA 24th Edition 2160 C	Agreeable
5	Colour in Hazen Unit	5	15	APHA 24th Edition 2120 B	2
6	Total Dissolved Solid	500 mg/L	2000 mg/L	APHA 24th Edition 2540 C	62.40
7	Total Alkalinity in mg/l as CaCO ₃	200	600	APHA 24th Edition 2320 B	70.00
8	Total Hardness in mg/l as CaCO ₃	200	600	APHA 24th Edition 2340 C	44.00
9	Iron (as Fe) in mg/l	1.0	No Relaxation	APHA 24th Edition 3500-Fe B	0.085
10	Chloride (as Cl) in mg/l	250	1000	APHA 24th Edition 4500-Cl(-)B	12.50
11	Calcium (as Ca) in mg/l	75	200	APHA 24th Edition 3500-Ca B	8.80
12	Magnesium (as Mg) in mg/l	30	100	APHA 24th Edition 3500-Mg B	5.34


- The results relate only to the Sample tested as received.
- This Test Report shall not be reproduced except in full, without the permission of District level Water Testing Laboratory, West Tripura
- The remaining part of sample(s) shall be retained for 15 days from the date of issue of the Test Report.

Remarks: Based on the Parameters tested the Results of the sample is following the necessary requirements as per IS 10500:2012.

Report Tested & Reviewed By

Signature : 
Name : Dr. Jhuma Debbarma
Designation : Chemist

Report Authorized By

Signature : 
Name : Sambhu Chandra Debbarma
Designation : Lab-In-Charge

End of Report