+ Three -Year

District Level Water Testing Laboratory
Collegetilla, West Tripura District, PWD (DWS), Govt. of Tripura

TC-16688

TEST REPORT

Name & Address of the customer:

Principal- Dr. B.R Ambedkar vidya Bhaban, Aralia, Agartala

Reference No. of Customer : 1(22)/Dr.BRAVB/Estt/BIDJ/2022/88
Report No : DLWTL/WEST/26/112
Date : 15.06.26
Sample ID : DLWTL/WEST/NABL/26/112
Date of Receipt of Sample : 15.06.26
Date of Performance : 16.06.26

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	15.06.26
5	Place of Sampling declared by customer	Dr. B.R Ambedkar vidya Bhaban, Aralia
6	Environmental conditions during Analysis	Temperature 25 C Humidity 61

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	0.68
2	pH value	6.5-8.5	No Relaxation	APHA 24th Edition 4500-H+ B	5.11
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	71.30
7	Total Alkalinity in mg/l as $CaCO_3$	200	600	APHA 24th Edition 2320 B	22.00
8	Total Hardness in mg/l as $CaCO_3$	200	600	APHA 24th Edition 2340 C	28.00
9	Iron (as Fe) in mg/l	1.0	No Relaxation	APHA 24th Edition 3500-Fe B	0.83
10	Chloride (as Cl) in mg/l	250	1000	APHA 24th Edition 4500-Cl-B	9.00
11	Calcium (as Ca) in mg/l	75	200	APHA 24th Edition 3500-Ca B	4.80
12	Magnesium (as Mg) in mg/l	30	100	APHA 24th Edition 3500-Mg B	3.88

- *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 Hoside 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