

TEST REPORT

Name & address of the customer

Report No:- 1(3)/DWS/DIST/LAB/UDPI/ 905

Date:- 12/05/2026

To
The Vice-Principal
Kirit Bikram Institution
Udaipur, Gomati Tripura

Date of receipt of sample:- 08/05/2026

Date of start of Analysis:- 11/05/2026

Date of end of ANALYSIS:- 12/05/2026

Reference no:-F.4(10)/EDN/CBSE-KBI/UDP/2026

Date:-08/05/2026

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

1	Description of sample(as declared by the customer)	Clear Water
	Volume of Sample Received	1 Lit
2	Sample mark(if any given by the customer)	NA
3	Date of sampling declared by customer	08/05/2026
4	Place of sampling declared by customer	Kirit Bikram Institution
5	Environmental conditions during sample Receipt	Temp: 25 °C Humidity 65 %

ANALYSIS OF RESULT

Sl No	Characteristic	Desirable limit (BIS 10500:2012)	Permissible limit (BIS 10500:2012)	Method of test	Result
1	Colour in Hazen Unit	5	15	APHA 23 rd edition 2120 B	-
2	Odour			APHA 23 rd edition 2160 C	Unobjectionable
3	Taste			APHA 23 rd edition 2160 C	Unobjectionable
4	Turbidity in NTU	1	5	APHA 23 rd edition 2130 B	0.35
5	PH	6.5 – 8.5	No relaxation	APHA 23 rd edition 4500 H ⁺ B	7.0
6	TDS in mg/L	500	2000	APHA 23 rd edition 2540 C	-
7	Total Alkalinity in mg/L as CaCO ₃	200	600	APHA 23 rd edition 2320 B	50
8	Total Hardness in mg/L as CaCO ₃	200	600	APHA 23 rd edition 2340 C	56
9	Iron in mg/L as Fe	1.00	No relaxation	APHA 23 rd edition 3500 Fe B	0.025
10	Chloride in mg/L as Cl	250	1000	APHA 23 rd edition 4500 Cl(-)B	12
11	Calcium in mg/L as Ca	75	200	APHA 23 rd edition 3500 Ca B	10.42
12	Magnesium in mg/L as Mg	30	100	APHA 23 rd edition 3500 Mg B	11.07

Tested by

Rmiah
Sr. R/A 12/05/2026
Name & designation

Authorized Signatory

Name & designation

- > The results relate only to the items tested as received from the customer.
- > The test report shall not be reproduced except in full without the permission of District level water testing laboratory, Banduar, Gomati District.
- > The reserved part of samples shall be retained for 15 days from the date of issue of the test report.
- > The report shall not be used for any advertisement or legal purpose.
- > Remarks: Based on the Parameters tested the Results of the sample is following the necessary requirements as per IS 10500:2012.
- > The laboratory is responsible for all the information given the report.
- > BDL Full Form:- (Below Detection Limit)

END OF REPORT

Bacteriological Test Report

Reference no:- F.4(10)/EDN/CBSE-KBI/UDP/2026

Date:- 08/05/2026

Source of sample:- Kirit Bikram Institution

Analysis Date:-12/05/2026

Report No:- 1(3)/DWS/DIST/LAB/UDP/905

Date:-12/05/2026

ANALYSIS OF RESULT

Sl No	Sample type	Characteristic	Acceptable limit	Permissible limit	Method of test	Result
1	Clear water	MPN of total coliform in 100 ml	No relaxation	No relaxation	Multiple Tubes Dilution Technique By MacConkey broth./FTK	NF

Tested by

Name & designation

Signature of the authorized

Name & designation