



STATE PUBLIC HEALTH LABORATORY, ASSAM
BAMUNIMAIDAM, GUWAHATI-781021



TC-10845

Email: foodanalyst@sphlassam.orgWebsite: www.sphlassam.org

Office Contact No. +91 7099015100

No.VII-170/2024/ 836, Dated Guwahati, the 17/02 /2025**REPORT ON ANALYSIS OF DRINKING WATER (IS 10500:2012)**

Customer Name & Address : K. C. Das Commerce College, Chatribari, Guwahati- 781008

Sample Description : Boring water (Filtered)

Your No. : 2

Place of Collection : K. C. Das Commerce College, Chatribari, Guwahati- 781008

Date of Receipt : 04.02.2025

Date of Analysis : Start: 05.02.2025; End: 05.02.2025

Sl. No.	Parameter	Nature of method used	Result	Desirable limit
1	Appearance	-	Clear	Clear
2	Odour	-	Unobjectionable	Unobjectionable
3	Turbidity, NTU	FSSAI Manual 2016, Sec A,I, 5.1. Pg-26	0.0	5 (Max)
4	pH Value	7.06	6.5	6.5 to 8.5
5	Total Hardness (as CaCO ₃), mg/l	FSSAI Manual 2016, Sec A,II, 8.A. Pg- 99	20.0	200 (Max)
6	Iron (as Fe), mg/l	FSSAI Manual	0.04	0.30 (Max)
7	Chloride (as Cl), mg/l	FSSAI Manual 2016, Sec A,II, 5.A. Pg- 76	0.99	250 (Max)
8	Residual Free Chlorine mg/l	FSSAI Manual 2016, Sec A,II, 11.A. Pg- 116	Nil	0.20 (Max)
9	Fluoride, (as F), mg/l	FSSAI Manual 2016, Sec A,II, 7.1.A. Pg-90	0.1	1.0 (Max)
10	Total dissolved solids, mg/l	FSSAI Manual 2016, Sec A,I,6.A. Pg-29	40.0	500 (Max)
11	Total Calcium, (as Ca), mg/l	FSSAI Manual 2016, Sec A,II, 14.A. Pg- 14	3.2	75 (Max)
12	Magnesium, (as Mg), mg/l	FSSAI Manual 2016, Sec A,II, 6.1. Pg- 85	2.93	30 (Max)





STATE PUBLIC HEALTH LABORATORY, ASSAM
BAMUNIMAIDAM, GUWAHATI-781021



TC-10845

Email: foodanalyst@sphlassam.org
Office Contact No. +91 7099015100

Website: www.sphlassam.org

Sl. No.	Parameter	Nature of method used	Result	Desirable limit
13	Manganese (as Mn), mg/l	FSSAI Manual	Nil	0.10 (Max)
14	Sulphate, (as SO ₄), mg/l	FSSAI Manual 2016, Sec A,II, 10.A. Pg- 107	7.14	200 (Max)
15	Total alkalinity (as CaC ₃), mg/l	FSSAI Manual 2016, Sec A,II, 9. Pg- 104	27.5	200 (Max)

Note: Results are only with respect to the items tested. All tests are performed in the laboratory location only. Results apply to the sample as received.

Opinion: The sample of water conforms to the prescribed standard of drinking water as per IS 10500: 2012 with respect to the analysis of the mentioned parameters only.



Dated Guwahati, the 17.02.2025

Kalyanee Bargohain
(Kalyanee Bargohain)

Food Analyst, Dist. Kamrup Metropolitan (Assam)

The report shall not be reproduced except in full, without the approval of the laboratory.
---End of Report---