



Jal Jeevan Mission

Har Ghar Jal



District Level Water Analysis Laboratory , U.P Jal Nigam (Rural), Lakhimpur Khiri

Office of Executive Engineer, Construction division, U.P Jal Nigam, Village-Bhansariya Lalpur Barrier, Lakhimpur khiri. Pin-262701. (Test Address only)

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Test report

Certificate number:

Sample Id:

U1143341533267195

User Information

Name:

Umesh Chand

Mobile:

9118861650

Email:

kumarumesh21940@gmail.com

Pin Code:

0

Full Address:

Village- Not available , Gram Panchayat- Not available, Block- Not available, District- Kheri, State- Uttar Pradesh

Sample description

Source of Sample:

VIVEK GYAN STHALI ACADEMY

Village:

Goom Chini

Gram Panchayat:

Goom Chini

Block:

Lakhimpur

District:

Kheri

State:

Uttar Pradesh

Address:

Remarks:

Latitude:

28.475016

Longitude:

80.468156

Date & time of sample collection

24.11.2025 | 02:36:00 PM

Date & time of sample received in lab

24.11.2025 | 02:40:00 PM

Date & time of sample analysed

25.11.2025 | 02:48:00 PM

Date & time of report generation

08.01.2026 | 10:30:06 AM

Test results

S. No.	Parameters tested	Unit of measurement	Requirement (acceptable limit) as per BIS 10500	Permissible limit (in absence of alternate source) as per BIS 10500	Test result value	Method of Analysis	Remarks
1	Calcium (as Ca)*	mg/l	75	200	49.600	EDTA Titrimetric method	
2	Chloride (as Cl)*	mg/l	250	1000	19.990	Argentometric method	
3	Colour*	Hazen units	5	15	0.000	Visual comparison method	
4	Fluoride (as F)*	mg/l	1	1.5	0.319	Ion selective electrode method	
5	Iron (As Fe)*	mg/l	1	No Relaxation	0.431	Phenanthroline method or as per IS 15303:2002 Electrothermal atomic absorption/Spectrophotometer method	
6	Magnesium (As Mg)*	mg/l	30	100	12.688	Calculation by APHA	
7	Nitrate (as NO ₃)*	mg/l	45	No Relaxation	0.926	UV-Visible Spectrophotometer	
8	pH*	NA	6.5-8.5	No Relaxation	7.180	Electrometric method	
9	Sulphate (as SO ₄)*	mg/l	200	400	1.574	Turbidimetric method	
10	TDS*	mg/l	500	2000	256.100	Gravimetric method	
11	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	192.000	Titration method	
12	Total Hardness (As CaCO ₃)*	mg/l	200	600	176.000	EDTA Titrimetric method	
13	Turbidity*	NTU	1	5	0.360	Nephelometric method	

Note:

- 1)*indicates parameters that are NABL accredited.
- 2)This test results related to the sample tested above
- 3)The report shall not to be reproduced in full without approval of authority
- 4)This is the end of the report

Data prepared by

Chemist: (Deepak Mishra)

Authorised signatory
Ankur Dixit (Test Lab Incharge)

*****This is an electronically generated report and does not require a signature.*****

Jal Jeevan Mission aims at potable tap water supply to every home

Let's join hands to ensure drinking water is potable. It helps in preventing water borne diseases and improve public health.

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