

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

Sample
Id:

U1143341536096837

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:

BABE KE PUBLIC SCHOOL

Village:

Chapartala

Gram
Panchayat:

Chapartala

Block:

Pasgawan

District:

Kheri

State:

Uttar Pradesh

Address:

Remarks:

Latitude:

27.741803

Longitude:

80.279172

Date & time of sample collection

18.04.2026 | 08:33:00 AM

Date & time of sample received in lab

18.04.2026 | 05:06:00 PM

Date & time of sample analysed

20.04.2026 | 11:52:00 PM

Date & time of report generation

23.04.2026 | 05:12:22 PM

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	57.600	EDTA Titrimetric method	
2	Chloride (as Cl)*	mg/l	250	1000	23.990	Argentometric method	
3	Colour*	Hazen units	5	15	1.000	Visual comparison method	
4	Fluoride (as F)*	mg/l	1	1.5	0.232	Ion selective electrode method	
5	Iron (As Fe)*	mg/l	1	No Relaxation	0.156	Phenanthroline method or as per IS 15303:2002 Electrothermal atomic absorption/Spectrophotometer method	
6	Magnesium (As Mg)*	mg/l	30	100	18.540	Calculation by APHA	
7	Nitrate (as NO3)*	mg/l	45	No Relaxation	0.652	UV-Visible Spectrophotometer	
8	pH*	NA	6.5-8.5	No Relaxation	7.750	Electrometric method	
9	Sulphate (as SO4)*	mg/l	200	400	1.121	Turbidimetric method	
10	TDS*	mg/l	500	2000	242.300	Gravimetric method	
11	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	208.000	Titration method	
12	Total Hardness (As CaCO3)*	mg/l	200	600	220.000	EDTA Titrimetric method	
13	Turbidity*	NTU	1	5	0.350	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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