

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

Office of Executive Engineer, Construction division, U.P Jal Nigam, Near Gadan kheda by pass road, Unnao. (Test Address only)

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Test report

Sample
Id:

U2148904531210586

User Information

Name:	Mohd Kamal	Mobile:	9454377600
Email:	wasif0415@gmail.com	Pin Code:	0
Full Address:	Village- Not available , Gram Panchayat- Not available, Block- Not available, District- Unnao, State- Uttar Pradesh		

Sample description

Source of Sample:	ALY Mainpuriya Inter College Madhuban Nagar Miyaganj	Village:	Barha Kalan
Gram Panchayat:	Barha Kalan	Block:	Mianganj
District:	Unnao	State:	Uttar Pradesh
Address:		Remarks:	
Latitude:	26.803105	Longitude:	80.503393

Date & time of sample collection

12.08.2025 | 01:06:00 PM

Date & time of sample received in lab

12.08.2025 | 01:14:00 PM

Date & time of sample analysed

13.08.2025 | 02:10:00 PM

Date & time of report generation

14.08.2025 | 01:25:08 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	41.600	EDTA Titrimetric method	
2	Chloride (as Cl)*	mg/l	250	1000	15.000	Argentometric method	
3	E. coli	CFU/100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	MFT	
4	Fluoride (as F)*	mg/l	1	1.5	1.180	Ion selective electrode method	
5	Iron (As Fe)*	mg/l	1	No Relaxation	0.438	Phenanthroline method or as per IS 15303:2002 Electrothermal atomic absorption/Spectrophotometer method	
6	Magnesium (As Mg)*	mg/l	30	100	20.160	Calculation by APHA	
7	Nitrate (as NO ₃)*	mg/l	45	No Relaxation	1.775	UV-Visible Spectrophotometer	
8	pH*	NA	6.5-8.5	No Relaxation	8.020	Electrometric method	
9	Sulphate (as SO ₄)*	mg/l	200	400	20.192	Turbidimetric method	
10	TDS*	mg/l	500	2000	346.600	Gravimetric method	
11	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	188.000	Titration method	
12	Total coliform	CFU/ 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	MFT	
13	Total Hardness (As CaCO ₃)*	mg/l	200	600	188.000	Titration method	
14	Turbidity*	NTU	1	5	1.930	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: (Apurva Jaiswal)

*****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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