



Regional Water Analysis Laboratory, U.P Jal Nigam (Rural), Varanasi

Ganga Pollution Control Unit Campus, U.P Jal Nigam Gramin , Bagwanpur, Lanka, Varanasi. Pin- 221005 (Test Address only)

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Test report

Sample Id: U3000095S36704539

User Information

Name:

IPNS CENTRAL PUBLIC SCHOOL

Mobile:

7521815100

Email:

shubhamkumarra31@gmail.com

Pin Code:

221201

Full Address:

Village- BAIRHANA , Gram Panchayat- AKODHA, Block- Baragaon, District- Varanasi, State- Uttar Pradesh

Sample description

Source of Sample:

25396536

Village:

BAIRHANA

Gram Panchayat:

AKODHA

Block:

Baragaon

District:

Varanasi

State:

Uttar Pradesh

Address:

Remarks:

Latitude:

25.396536

Longitude:

82.642584

Date & time of sample collection	Date & time of sample received in lab	Date & time of sample analysed	Date & time of report generation
20.05.2026 02:28:00 PM	21.05.2026 04:30:00 PM	25.05.2026 03:20:00 PM	04.06.2026 07:16:10 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	Chloride (as Cl)*	mg/l	250	1000	15.020	Argentometric method	
2	Fluoride (as F)*	mg/l	1	1.5	0.270	Ion selective electrode method	

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
3	Iron (As Fe)*	mg/l	1	No Relaxation	0.090	Phenanthroline method or as per IS 15303:2002 Electrothermal atomic absorption/Spectrophotometer method	
4	Nitrate (as NO3)*	mg/l	45	No Relaxation	8.670	UV-Visible Spectrophotometer	
5	pH*	NA	6.5-8.5	No Relaxation	7.220	Electrometric method	
6	Sulphate (as SO4)*	mg/l	200	400	20.000	Turbidimetric method	
7	TDS*	mg/l	500	2000	401.000	Gravimetric method	
8	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	324.000	Titration method	
9	Total Hardness (As CaCO3)*	mg/l	200	600	236.000	EDTA Titrimetric method	
10	Turbidity*	NTU	1	5	0.470	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: (Abhay Kumar Pandey)

Authorised signatory

Vivek Kumar (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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