

Jal Jeevan Mission

Har Ghar Jal



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

Unicef project unit (E&M), U.P Jal Nigam, Parashipandey, Sonbhadra (Test Address only)

Test report

Sample
Id:

U2006475S30376349

User Information

Name:	Janardan Yadav	Mobile:	8115993757
Email:	jd1209hewett@gmail.com	Pin Code:	0
Full Address:	Village- Not available , Gram Panchayat- Not available, Block- Not available, District- Sonbhadra, State- Uttar Pradesh		

Sample description

Source of Sample:	Better Millenium Academy Duddhi	Village:	Birar
Gram Panchayat:	Bidar	Block:	Dudhi
District:	Sonbhadra	State:	Uttar Pradesh
Address:		Remarks:	
Latitude:		Longitude:	

Date & time of sample collection

24.06.2025 | 01:25:00 PM

Date & time of sample received in lab

24.06.2025 | 01:27:00 PM

Date & time of sample analysed

27.06.2025 | 01:30:00 PM

Date & time of report generation

27.06.2025 | 01:31:12 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	4.800	EDTA Titrimetric method	
2	Chloride (as Cl)*	mg/l	250	1000	19.730	Argentometric method	
3	Conductivity*	micromhos per centimeter / microsiemens per centimeter	NA	NA	99.920	Electrometric method	
4	E. coli	CFU/100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	MFT	
5	Fluoride (as F)*	mg/l	1	1.5	0.077	Ion selective electrode method	
6	Free residual Chlorine	mg/l	0.2	1	0.000	Titration method	
7	Iron (As Fe)*	mg/l	1	No Relaxation	0.086	Phenanthroline method or as per IS 15303:2002 Electrothermal atomic absorption/Spectrophotometer method	
8	Magnesium (As Mg)*	mg/l	30	100	5.762	Calculation by APHA	
9	Nitrate (as NO3)*	mg/l	45	No Relaxation	19.123	UV-Visible Spectrophotometer	
10	pH*	NA	6.5-8.5	No Relaxation	6.847	Electrometric method	
11	Sulphate (as SO4)	mg/l	200	400	3.489	UV-Visible Spectrophotometer	
12	TDS*	mg/l	500	2000	43.340	Gravimetric method	
13	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	12.165	Titration method	
14	Total coliform	CFU/ 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	MFT	
15	Total Hardness (As CaCO3)*	mg/l	200	600	35.712	EDTA Titrimetric method	
16	Turbidity*	NTU	1	5	0.150	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: (Asha Singh)
Microbiologist: (Asha Singh)

Authorised signatory
Asha Singh (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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