



# District Water Testing Laboratory (Uttar Pradesh Jal Nigam, Gorakhpur)

Address: EWS 388,389,390 Rapti Nagar Phase-1, Medical Road,  
Gorakhpur(U.P)-273003

## CHEMICAL SAMPLE TEST REPORT

Rept. No | 409/Camp-Lab-9 | Date: | 13/03/2024 | Page No | 1/1

### Customer Details

Office Name and Address |  
Ref Letter No & Date | 12/03/2024

### Basic details of sample

District	Gorakhpur	Block	Khajni
Gram Panchayat	--	Village	--
Habitation	--	Location	Mount A.D Public School Dondo Khajni Gorakhpur
Water Source	Tap Water	Sample Code	51245 ( C/24/03/05)
Quantity of Sample	1000ml+500Acidified	Date of S.C.	12/03/2024
Receiving Date	12/03/2024	S. Collector	Govind Kumar
Sample Depositor	Govind Kumar	Analysis Completion Date	12/03/2024
Analysis Start Date	12/03/2024		

### Technical Data of Analysis

Sr. No	Analyzed parameters (Unit of Measurement)	Observed Value	Unit	Specified Values as per BIS 10500:2012		Ref. Method of Analysis
				Acceptable Limit	Permissible Limit	
1	Odour	Agreeable				
2	Turbidity	0.90	NTU	1	5	IS 3025 (Part 10):2017
3	pH ( 25°C)	7.57	--	6.5-8.5	No relaxation	IS 3025 (Part 11):2017
4	Total Dissolved Solids	338	mg/L	500	2000	IS 3025 (Part 16) :2022
5	Total Hardness	199	mg/L	200	600	IS 3025 (part 21) :2019
6	Total alkalinity	128	mg/L	200	600	IS 3025( Part 23):2019
7	Chloride as Cl	28	mg/L	250	1000	IS 3025(Part 32):2019
8	Calcium	126	mg/L	75	200	IS 3025(Part 40): 2019
9	Magnesium	73	mg/L	30	100	IS 3025(Part 46): 2019
10	Sulphate	9.647	mg/L	200	400	APHA 4500-SO <sub>4</sub> Turbidimetric Method 2017
11	Nitrate	0.835	mg/L	45	No relaxation	APHA 4500-NO <sub>3</sub> UV Screening Method 2017
12	Iron	0.168	mg/L	1	No relaxation	APH A 4500-Fe Phenanthroline Methods 2017
13	Fluoride	0.743	mg/L	1.0	1.5	APHA 4500-F Method C ( Electrode Method) :2017

#BDL- Below Detection Limit, NA- Not Analyzed  
\*\* Parameter(s) above permissible limit are in bold digits.

- Note
1. This Certificate refers only to the particular sample(s) submitted for testing.
  2. This certificate shall not be reproduced, except in full, unless written permission for the publication of an approved abstract has.
  3. The test results reported in this certificate are valid at the time of and under the stated conditions of measurements.
  4. Sample will be stored up to 7 days (in case of non perishable items only) from the date of issue of tests reports unless.

*Vishal Mondal*  
Review By

*Subhash Chandra Mishra*  
Authorized Signatory  
( Subhash Chandra Mishra )  
( Quality Manager )  
Contact: 91 7275926492

Laboratory Contact details: Email-labgorakhpur@gmail.com

*Govind Kumar*  
Principal  
Mount A.D. Public School  
Dondo Khajani, Gorakhpur

*Govind Kumar*  
Manager  
Mount A.D. Public School  
Dondo Khajani, Gorakhpur

End of Report



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**Environmental Condition**

<b>Temperature</b>	23.9°C	<b>Relative Humidity</b>	52 %
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**Technical Data of Analysis**

S. No	Analysed parameters (Unit of Measurement)	Observed Value	Unit	Specified Values as per BIS		Ref. Method of Analysis
				Acceptable Limit	Permissible Limit	
1	2	3		4	5	6
14	Arsenic	BDL	mg/L	0.01	No Relaxation	IS : 3025 ( Part 37 ): 1988
15	Conductivity	--	( Ms/cm)	NA	NA	IS:3025(Part 10):2017

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*Vishal Pandey*  
Review By

Authorized Signatory  
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-----End of Report-----

*Gautam*  
**Principal**  
Mount A.D. Public School  
Dondo Khajani, Gorakhpur

*Manoj*  
**Manager**  
Mount A.D. Public School  
Dondo Khajani, Gorakhpur



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**BACTERIOLOGICAL SAMPLE TEST REPORT**

Rept. No 409 / camp - Lab -1 Date: 13/03/2024 Page No 1/1

**Customer Details**

Office Name and Address \_\_\_\_\_  
Ref Letter No & Date \_\_\_\_\_ 12/03/2024

**Basic details of sample**

District	Gorakhpur	Block	Khajni
Gram Panchayat	--	Village	--
Habitation	--	Location	Mount A.D Public School Dondo Khajni Gorakhpur
Water Source	Tape Water	Sample Code	51245
Quantity of Sample	250 ml STERLIZED	Date of S.C.	12/03/2024
Receiving Date	12/03/2024	S. Collector	Govind Kumar
Sample Depositor	Govind Kumar		
Analysis Start Date	12/03/2024	Analysis Completion Date	13/03/2024

**Technical Data of Analysis**

Sr. No	Analyzed parameters (Unit of Measurement)	Observed Value	Unit	Specified Values as per BIS		Ref. Method of Analysis
				Acceptable Limit	Permissible Limit	
1	pH ( 25°C ± 2°C )	7.57		6.5-8.5	No relaxation	IS 3025 (Part 11):2017
2	Residual Chlorine	0	mg/L	0.2	1.0	IS 3025 ( PART 26 ) : 1986
3	Total Coliform	0	CFU	0	CFU	APHA 23 <sup>rd</sup> Edition :2017
4	E .Coli	0	CFU	0	CFU	APHA 23 <sup>rd</sup> Edition :2017

**Result : Satisfactory**

**Remark: Potable**

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Analysed By

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-----End of the Report-----

Principal  
Mount A.D. Public School  
Dondo Khajani, Gorakhpur

Manager  
Mount A.D. Public School  
Dondo Khajani, Gorakhpur