



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

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

## TEST REPORT

|                         |                     |                          |  |         |     |
|-------------------------|---------------------|--------------------------|--|---------|-----|
| Rept. No                | 398 / camp - Lab-1  | Date:                    | 20/02/2024   | Page No | 1/1 |
| Customer Details        |                     |                          |  |         |     |
| Office Name and Address |                     |                          |  |         |     |
| Ref Letter No & Date    | 19/02/2024          |                          |  |         |     |
| Basic details of sample |                     |                          |  |         |     |
| District                | Gorakhpur           | Block                    | Khorabar   |         |     |
| Gram Panchayat          | --                  | Village                  | --   |         |     |
| Habitation              | --                  | Location                 | (RPM Academy, Paalm Paradise<br>Taramandal Road, Gorakhpur |         |     |
| Water Source            | R.O                 | Sample Code              | 51234 ( C/24/02/38)  |         |     |
| Quantity of Sample      | 1000ml+500Acidified | Date of S.C.             | 19/02/2024   |         |     |
| Receiving Date          | 19/02/2024          | S. Collector             | Mrityunjay Nishaad   |         |     |
| Sample Depositor        | Mrityunjay Nishaad  |                          |  |         |     |
| Analysis Start Date     | 19/02/2024          | Analysis Completion Date | 19/02/2024   |         |     |

## Technical Data of Analysis

| Sr. No | Analyzed parameters<br>(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                                    | 0.77           | NTU  | 1                                      | 5                 | IS 3025 (Part 10):2017                         |
| 3      | pH ( 25°C)                                   | 7.17           | --   | 6.5-8.5                                | No relaxation     | IS 3025 (Part 11):2017                         |
| 4      | Total Dissolved Solids                       | 127            | mg/L | 500                                    | 2000              | IS 3025 (Part 16) :2022                        |
| 5      | Total Hardness                               | 96             | mg/L | 200                                    | 600               | IS 3025 (part 21) :2019                        |
| 6      | Total alkalinity                             | 72             | mg/L | 200                                    | 600               | IS 3025( Part 23):2019                         |
| 7      | Chloride as Cl <sup>-</sup>                  | 18             | mg/L | 250                                    | 1000              | IS 3025(Part 32):2019                          |
| 8      | Calcium                                      | 56             | mg/L | 75                                     | 200               | IS 3025(Part 40): 2019                         |
| 9      | Magnesium                                    | 40             | mg/L | 30                                     | 100               | IS 3025(Part 46): 2019                         |
| 10     | Sulphate                                     | 5.372          | mg/L | 200                                    | 400               | APHA 4500-SO, Turbidimetric Method 2017        |
| 11     | Nitrate                                      | 0.869          | mg/L | 45                                     | No relaxation     | APHA 4500-NO3 UV Screening Method 2017         |
| 12     | Iron   | 0.012          | mg/L | 1                                      | No relaxation     | APH A 4500-Fe Phenanthroline Methods 2017      |
| 13     | Fluoride                                     | 0.654          | 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.

*Nishal Prasad*

Review By

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

Laboratory Contact details: Email-labgorakhpur@gmail.com

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



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

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

Page No 02/02

### Environmental Condition

|             |        |                   |     |
|-------------|--------|-------------------|-----|
| Temperature | 20.9°C | Relative Humidity | 70% |
|-------------|--------|-------------------|-----|

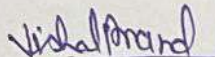
### Technical Data of Analysis

| S. No | Analysed parameters<br>(Unit of Measurement) | Observed<br>Value | Unit     | Specified Values as per BIS |                      | Ref. Method of Analysis      |
|-------|--|-------------------|----------|-----------------------------|----------------------|------------------------------|
|       |  |                   |          | Acceptable<br>Limit         | Permissible<br>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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Review By



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Contact +91-7275926492

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



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

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

## BACTERIOLOGICAL SAMPLE TEST REPORT

Rept. No 398/comp-lab-1 Date: 20/02/2024 Page No 1/1

### Customer Details

Office Name and Address  
Ref Letter No & Date 19/02/2024

### Basic details of sample

|                     |                    |                          |   |
|---------------------|--------------------|--------------------------|---|
| District            | Gorakhpur          | Block                    | Khorabar  |
| Gram Panchayat      | --                 | Village                  | --  |
| Habitation          | --                 | Location                 | (RPM Academy, Paalm Paradise Taramandal Road, Gorakhpur |
| Water Source        | R.O                | Sample Code              | 51234   |
| Quantity of Sample  | 250 ml STERLIZED   | Date of S.C.             | 19/02/2024  |
| Receiving Date      | 19/02/2024         | S. Collector             | Mrityunjay Nishaad                                      |
| Sample Depositor    | Mrityunjay Nishaad |                          |   |
| Analysis Start Date | 19/02/2024         | Analysis Completion Date | 20/02/2024  |

### 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 )                         | 7.17           |      | 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

Authorized Signatory

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