



Analysis Report
District Water Analysis Laboratory, U.P. Jal Nigam (Rural)
Sultanpur



TC No. 10107

| | | | |
|-----------------------------------|---|----------------------------|--|
| Report Generation Date-08.01.2024 | | Page No 1 of 1 | |
| Customer Details - | Prem Nath Shukla | | |
| Office Name and Address | Executive Engineer, Division Office (E/M) U.P. Jal Nigam (Rural),Sultanpur-222302 | | |
| Ref Letter No & Date | F:/MVMPS/2023-24/0014 Dated- 29.12.2023 | | |
| Basic Details of Sample - | Agreeable | | |
| Sample Type - | Bore well | | |
| District | Sultanpur | Block | Lambhua |
| Gram Panchayat | Gopalpur madhaiya | Village | Gopalpur |
| Habitation | Gopalpur madhaiya | Location | B.B.S. smart public school gopalpur madhaiya lambhua Sultanpur |
| Water Source | Bore Well | Sample Code | U441185P12839673 |
| Quality of Sample | Agreeable | Date of Sample Collection. | 29.12.2023 |
| Sample Receiving Date | 29.12.2023 | Sample Collector Name | R.N.Mishra |

Sample Depositor Name R.N.Mishra

Analysis Start Date 29.12.2023 Analysis Completion Date 08.01.2024

| Sl. No. | Analysed parameters (Unit of Measurement) | Observed Value | Specified Values as per BIS | | Ref. Method of Analysis |
|---------|--|----------------|-----------------------------|-------------------|--|
| | | | Acceptable Limit | Permissible Limit | |
| 1 | Color (Hazen) | - | 5 | 15 | IS : 3025(Part-4): 2017 |
| 2 | Odour | Agreeable | - | - | IS : 3025(Part-5): 2018 |
| 3 | Taste | Agreeable | - | - | IS : 3025(Part-8): 2022 |
| 4 | Turbidity (NTU) | 0.21 | 1 | 5 | IS : 3025(Part-10): 2022 |
| 5 | PH | 6.32 | 6.5 | 8.5 | IS : 3025(Part-11): 2022 |
| 6 | TDS (mg/l or ppm) | 163.5 | 500 | 2000 | IS : 3025(Part-16): 2022 |
| 7 | Alkalinity (mg/l or ppm) | 100 | 200 | 600 | IS : 3025(Part-23) 2019 |
| 8 | Chloride (mg/l or ppm) | 50 | 250 | 1000 | IS : 3025(Part-32): 2019 |
| 9 | Fluoride (mg/l or ppm) | 0.122 | 1 | 1.5 | APHA 23 rd Edition- 4500-F method c (Electrode Method) 2017 |
| 10 | Nitrate (mg/l or ppm) | 7.965 | 45 | No relaxation | APHA 4500 - NO3-METHOD D U- V SCREENING METHOD |
| 11 | Sulphate (mg/l or ppm) | 3.268 | 200 | 400 | APHA 23 rd Edition- 4500-So4 method E (Turbidimetric Method) 2017 |
| 12 | Calcium (mg/l or ppm) | 27.2 | 75 | 200 | IS : 3025(Part-40) 2019 |
| 13 | Magnesium (mg/l or ppm) | 17.49 | 30 | 100 | IS : 3025(Part-46) 2019 |
| 14 | Total hardness (mg/l or ppm) | 140 | 200 | 600 | IS : 3025(Part-21) 2019 |
| 15 | Iron (mg/l or ppm) | Not Tested | 1 | No relaxation | APHA 23 rd Edition- 3500-Fe method B (Phonanthroline Method) 2017 |

BDL: Below Detection Limit

- 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 A. The test results reported in this certificate are valid at the time of and under the stated conditions of measurements.
 - 3- Sample will be stored up to 7 days (In case of non perishable items only) from the date of tests reports unless.
 - 4- The Sampling is not carried out by Laboratory therefore Laboratory is not responsible for authenticity of Location of Sample.

PRINCIPAL
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 Gopalpur Madhaiya, Sultanpur
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Analysis Laboratory U.P.
 Authorized Signatory
CHEMIST
 V. Pandey
 Sultanpur District

Manager
B.B.S. SMART PUBLIC SCHOOL
 Gopalpur Madhaiya, Lambhua-Sultanpur