



## PUBLIC HEALTH ENGINEERING DEPARTMENT

DISTRICT WATER TESTING LABORATORY, MEWAT

Website :- <https://phedharyana.gov.in/>

Memo No:- 1078

Date:- 06/07/2026

Subject : Physical / Chemical Examination Report of Water Sample

|                                                       |                     |                     |
|-------------------------------------------------------|---------------------|---------------------|
| Sample ID/Classification : MEW/02688/7/2026 / Private | Sample Details      | Date & Time         |
| Sender : CHIRAG MIDDLE SCHOOL MARORA                  | Collected By        | Anes pk Head m...   |
| Location : , CHIRAG MIDDLE SCHOOL MARORA              | Collection Date     | 06/07/2026 at 11:09 |
| Sample Description : Drinking Water                   | Received at lab     | 06/07/2026 at 11:49 |
| Latitude / Longitude : 77.057568 / 27.910019          | Analysis Start Date | 06/06/2026          |
|                                                       | Analysis End Date   | 06/06/2026          |
|                                                       | Sample Quantity     | 1 liter             |

### Test Result (As Per BIS 10500 :2012)

| S.No. | Tested Parameter                     | Result    | Requirement<br>(Acceptable Limit) | Permissible Lmt.<br>(In the Absence of Alternate Source) | Protocol Used                     |
|-------|--------------------------------------|-----------|-----------------------------------|----------------------------------------------------------|-----------------------------------|
| 1     | Turbidity                            | <0.5      | 1 NTU                             | 5 NTU                                                    | APHA 24th Edition -2130 B         |
| 2     | Taste                                | Agreeable | Agreeable                         | Agreeable                                                | IS 3025 (Part-8) : 1984 (RA 2022) |
| 3     | Odour                                | Agreeable | Agreeable                         | Agreeable                                                | IS 3025 (Part-5) : 1984 (RA 2018) |
| 4     | Color                                | <5        | 5 Hazen Units                     | 15 Hazen Units                                           | APHA 24th Edition -2120-B         |
| 5     | Total Dissolved Solids @ 180°C ± 2°C | 109       | 500 mg/lit.                       | 2000 mg/lit.                                             | APHA 24th Edition -2540 C         |
| 6     | Total Hardness as CaCO <sub>3</sub>  | 83        | 200 mg/lit.                       | 600 mg/lit.                                              | APHA 24th Edition -2340 C         |
| 7     | Calcium (as Ca)                      | 18        | 75 mg/lit.                        | 200 mg/lit.                                              | APHA 24th Edition -3500 Ca B      |
| 8     | Magnesium (as Mg)                    | 10        | 30 mg/lit.                        | 100 mg/lit.                                              | APHA 24th Edition -3500 Mg-B      |
| 9     | Total Alkalinity                     | 104       | 200 mg/lit.                       | 600 mg/lit.                                              | APHA 24th Edition -2320 B         |
| 10    | Chloride (as Cl)                     | 45        | 250 mg/lit.                       | 1000 mg/lit.                                             | APHA 24th Edition -4500 Cl-B      |
| 11    | pH @ 25°C                            | 6.58      | 6.5 - 8.5                         | 6.5 - 8.5                                                | APHA 24th Edition -4500-H+ B      |

#### Remarks :-

- \* The Results Given above are related to the sample as received and tested in PHED MEWAT Lab.
- \* The test report can't be regenerated in whole or part there of without written permission of Competent Authority.
- \* The test report can't be used for any publicity or any legal purpose.
- \* Reliability of water sample sample lies with sender/collector of water sample.
- \* To check the sample report online Scan the QR Code below.
- \* The test samples meant for chemical analysis will be disposed off after 7 days from the data of issue of test report unless until specifically requested by the customer for retaining over a longer period.

Water Sample has been found "CONFORMING" to Limits set in BIS10500:2012 for the tested parameters.



Sample analyzed by :

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