



# ਦਫਤਰ ਉਪ ਮੰਡਲ ਇੰਜੀਨੀਅਰ ਜਲ ਸਪਲਾਈ ਅਤੇ ਸੈਨੀਟੇਸ਼ਨ

ਉਪ ਮੰਡਲ ਬਸੀ ਪਠਾਣਾਂ ਐਟ ਸ਼੍ਰੀ ਫਤਿਹਗੜ੍ਹ ਸਾਹਿਬ।

E mail: sdebassipathana@gmail.com



To

The Principal,  
St. Mary's School,  
Mahadian.

Ref. No. 608

Dated 09.04.26

Sub:-

Regarding Test Report of Water Sample.

Ref:-

Your office letter no. SMS/W/S & Sanitation/2026-27/F-34 Dated 09.04.26

With reference to the subject cited above, it is intimated that the water sample submitted by your school has been tested by the District Water Testing Laboratory, Fatehgarh Sahib.

The quality parameters of the water sample are within permissible limits as per reports received from the Quality Manager. The water Sample test report is attached with this letter for your kind reference and necessary action please.

Encl: Water Sample  
Test Reports

Sub Divisional Engineer,  
Water Supply & Sanitation Sub Div.  
Bassi Pathana at Fatehgarh Sahib.

Principal  
St. Mary's School  
Mahadian (Fatehgarh Sahib)

# DISTRICT WATER TESTING LABORATORY, FATEHGARH SAHIB

Water Supply & Sanitation Division, Opposite DC Residence, Fatehgarh Sahib

dwtlfgs@gmail.com



TC-12711

| TEST REPORT                                                                                 |                              |  |                          |  |                                                 |  |
|---------------------------------------------------------------------------------------------|------------------------------|--|--------------------------|--|-------------------------------------------------|--|
| Name & Address of Customer :<br>Principal....<br>ST.Mary's School,Mahadian, Fatehgarh Sahib |                              |  | Customer Reference No.   |  | No : SMS/2026-2027/F-35 Dated : 16/03/2026      |  |
|                                                                                             |                              |  | Sample Submitted by      |  |                                                 |  |
|                                                                                             |                              |  | Date of Sample Receipt   |  | 17/03/2026                                      |  |
|                                                                                             |                              |  | Analysis Starting Date   |  | 19/03/2026                                      |  |
|                                                                                             |                              |  | Analysis completion Date |  | 20/03/2026                                      |  |
| Discipline : Chemical Testing                                                               |                              |  | Group: Water             |  |                                                 |  |
| ULR No.:                                                                                    | TC12711260000054F            |  | Sample Type :            |  | Water                                           |  |
| Test Report No.:                                                                            | DWTLFGS/2526/00314           |  | Date of Issue :          |  | 20/03/2026                                      |  |
| Registration no.:                                                                           | DWTLFGS/REG2526/02317        |  | Condition of Sample :    |  | Unsealed                                        |  |
| Collection Point:                                                                           | Private Submersible          |  | Quantity/Type of Bottle: |  | 500 ml / Amber Colored Glass Bottle             |  |
| Scheme/Source:                                                                              | Not Mentioned(Not Mentioned) |  | Location/Depth :         |  | ST.Mary's School,Mahadian, Fatehgarh Sahib / NA |  |
| Village :                                                                                   | Mahadian                     |  | Habitation :             |  | Mahadian                                        |  |
| Block:                                                                                      | Bassi Pathana                |  | District :               |  | Fatehgarh Sahib                                 |  |
| Latitude :                                                                                  | Not Mentioned                |  | Longitude:               |  | Not Mentioned                                   |  |

  

| Sr. No | Parameter            | Result    | As per IS-10500:2012 (2nd Rev.) |                   | Unit | Reference Method :                                            |
|--------|----------------------|-----------|---------------------------------|-------------------|------|---------------------------------------------------------------|
|        |                      |           | Acceptable Limit                | Permissible Limit |      |                                                               |
| 1      | pH                   | 7.82      | 6.5-8.5                         | No Relaxation     | --   | IS 3025 (Part 11-2022) Electrometric Method                   |
| 2      | Colour               | 1         | 5                               | 15                | CU   | IS 3025(Part 4-2021) Visual Comparison Method                 |
| 3      | Odour                | Agreeable | Agreeable                       | Agreeable         | --   | IS 3025 (Part 5 – 2018) (Second Revision)                     |
| 4      | Taste                | Agreeable | Agreeable                       | Agreeable         | --   | IS 3025 (Part 8 – 2023)                                       |
| 5      | TDS                  | 354       | 500                             | 2000              | mg/l | IS 3025 (Part 16-2023) Gravimetric Method                     |
| 6      | Turbidity            | BDL       | 1                               | 5                 | NTU  | IS 3025 (Part 10-2023) Nephelometric Method                   |
| 7      | T. Alkalinity(CaCO3) | 276       | 200                             | 600               | mg/l | IS 3025 (Part 23-2023) Indicator Method                       |
| 8      | T. Hardness(CaCO3)   | 256       | 200                             | 600               | mg/l | IS 3025 (Part 21- 2009)(RA 2023) EDTA Method                  |
| 9      | Calcium(Ca)          | 34        | 75                              | 200               | mg/l | IS 3025 (Part 40-2024) EDTA Titrimetric Method                |
| 10     | Magnesium(Mg)        | 42        | 30                              | 100               | mg/l | APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method |
| 11     | Chloride(Cl)         | 38        | 250                             | 1000              | mg/l | IS 3025 (Part 32-1988) Argentometric Method                   |

This Report is issued under the following terms & Condition :

1. The results apply to the sample as received only.
2. The sample will be destroyed after retention time unless otherwise specified specially.
3. This report is not to be reproduce wholly or in part and can't be used as evidence in court of law.
4. Abbreviation used (TDS = Total Dissolved Solids, mg/l = milligram per liter, BDL = Below detection limit, APHA = American Public Health Association, IS = Indian Standard, NT = Not Tested, NA = Not Applicable NTU = Nephelometric Turbidity Unit, RA = Reaffirmed, ND=Not Detected, T=Total)
5. \* Value not available or test not performed for this parameter.
6. Temperature condition limit: 25±5°C and Humidity condition limit:50 ±20%

Reviewed and Approved By

*Bhushan*

Sh. Brij Bhushan  
Quality Manager  
Authorized Signatory  
For, District Water Testing Laboratory  
Fatehgarh Sahib

*Principal*  
St. Mary's School  
Mahadian (Fatehgarh Sahib)

End of the Test Report