

# DISTRICT WATER TESTING LABORATORY, FAZILKA

Village Panchawali, Fazilka  
dwtlfazilka@gmail.com



TC-14063

## TEST REPORT

|                                                                                          |                                           |                          |                                                         |
|------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------|---------------------------------------------------------|
| Name & Address of Customer :<br>Holy Heart Day Boarding Public School Fazilka<br>Fazilka |                                           | Customer Reference No.   | No : 002 Dated : 11/04/2025                             |
|                                                                                          |                                           | Sample Submitted by      | Anil Kumar                                              |
|                                                                                          |                                           | Date of Sample Receipt   | 11/04/2025                                              |
|                                                                                          |                                           | Analysis Starting Date   | 11/04/2025                                              |
|                                                                                          |                                           | Analysis completion Date | 15/04/2025                                              |
| Discipline : Chemical Testing                                                            |                                           |                          |                                                         |
| ULR No.:                                                                                 | TC140632500000178F                        | Group: Water             |                                                         |
| Test Report No.:                                                                         | DWTL/FZK/2526/00018                       | Sample Type :            | Water                                                   |
| Registration no.:                                                                        | DWTL/FZK/REG2526/00020                    | Date of Issue :          | 16/04/2025                                              |
| Collection Point:                                                                        | Treatment Plant (RO/CWPP/ARP/HH Purifier) | Condition of Sample :    | Unsealed                                                |
| Scheme/Source:                                                                           | Not Mentioned(Not Mentioned)              | Quantity/Type of Bottle: | 1000 ml / Plastic Bottles                               |
| Village :                                                                                | Not Mentioned                             | Location/Depth :         | Holy Heart Day Boarding Public School Fazilka (RO) / NA |
| Block:                                                                                   | Not Mentioned                             | Habitation :             | Not Mentioned                                           |
| Latitude :                                                                               | Not Mentioned                             | District :               | Fazilka                                                 |
|                                                                                          |                                           | Longitude:               | Not Mentioned                                           |

| Sr. No | Parameter                      | Result    | As per IS-10500:2012 (2nd Rev.) |                   | Unit | Reference Method :                                            |
|--------|--------------------------------|-----------|---------------------------------|-------------------|------|---------------------------------------------------------------|
|        |                                |           | Acceptable Limit                | Permissible Limit |      |                                                               |
| 1      | pH                             | 6.92@25°C | 6.5-8.5                         | No Relaxation     | --   | IS 3025 (Part 11-2022) Electrometric Method                   |
| 2      | Colour                         | <5        | 5                               | 15                | EU   | 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                            | 121       | 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      | Alkalinity(CaCO <sub>3</sub> ) | 52        | 200                             | 600               | mg/l | IS 3025 (Part 23-2023) Indicator Method                       |
| 8      | Hardness(CaCO <sub>3</sub> )   | 48        | 200                             | 600               | mg/l | IS 3025 (Part 21-2009)(RA 2023) EDTA Method                   |
| 9      | Calcium(Ca)                    | 3         | 75                              | 200               | mg/l | IS 3025 (Part 40-2024) EDTA Titrimetric Method                |
| 10     | Magnesium(Mg)                  | 5         | 30                              | 100               | mg/l | APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method |
| 11     | Chloride(Cl)                   | 24        | 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)
5. \* Value not available or test not performed for this parameter.
5. Temperature condition limit: 25±5°C and Humidity condition limit:50 ±20%

Reviewed and Approved By

*Sushma*

Ms.Sushma bala  
Chemist/Analyst  
Authorized Signatory  
For, District water Testing Laboratory  
Fazilka

End of the Test Report