

# DISTRICT WATER TESTING LABORATORY, TARN TARAN

Village Kakka Kandiala, Block -Tarn Taran District -Tarn Taran.  
dwtl1t@gmail.com

To,

G. S. SANDHU Educational & Charitable Society (Regd. )  
Village Raniwallah , Tarn Taran

No.: DWTLTT/2425/00062 Dated : 09/05/2024

Subject : Testing Reports of Water Samples.

Reference: Your Letter/SRF No. 471 Dated: 08/05/2024

As per above cited subject and reference, Please find enclosed here with the report of 1 Water sample/s received on dated 08/05/2024. It is request to fill the attached feedback form and send it back to District Water Testing Laboratory, Tarn Taran

D/A : Test Report



**Authorized Signatory**  
**For, District Water Testing Laboratory**  
**Tarn Taran**

# DISTRICT WATER TESTING LABORATORY, TARN TARAN

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## TEST REPORT

|  |                                     |                          |                                    |
|--|-------------------------------------|--------------------------|------------------------------------|
| Name & Address of Customer :<br><b>G. S. SANDHU Educational &amp; Charitable Society (Regd. )</b><br>Village Raniwallah , Tarn Taran |                                     | Customer Reference No.   | <b>No : 471 Dated : 08/05/2024</b> |
|  |                                     | Sample Submitted by      | <b>Mr. Nirbhay Singh</b>           |
|  |                                     | Date of Sample Receipt   | <b>08/05/2024</b>                  |
|  |                                     | Analysis Starting Date   | <b>08/05/2024</b>                  |
|  |                                     | Analysis completion Date | <b>09/05/2024</b>                  |
| Discipline : <b>Chemical Testing</b>   |                                     | Group: <b>Water</b>      |                                    |
| ULR No.:   |                                     | Sample Type :            | <b>Water</b>                       |
| Test Report No.:   | <b>DWTLTT/2425/00062</b>            | Date of Issue :          | <b>09/05/2024</b>                  |
| Registration no.:  | <b>DWTLTT/REG2425/00080</b>         | Condition of Sample :    | <b>Unsealed</b>                    |
| Collection Point:  | <b>Private Submersible</b>          | Quantity/Type of Bottle: | <b>2000 ml / Plastic Bottles</b>   |
| Scheme/Source:   | <b>Not Mentioned(Not Mentioned)</b> | Location/Depth :         | <b>NA / 500 ft</b>                 |
| Village :  | <b>Raniwala</b>                     | Habitation :             | <b>Raniwala</b>                    |
| Block:   | <b>Chohla Sahib</b>                 | District :               | <b>Tarn Taran</b>                  |
| Latitude :   | <b>Not Mentioned</b>                | Longitude:               | <b>Not Mentioned</b>               |

| Sr. No | Parameter                      | Result     | As per IS-10500:2012 (2nd Rev.) |                   | Unit | Reference Method :  |
|--------|--------------------------------|------------|---------------------------------|-------------------|------|---|
|        |                                |            | Acceptable Limit                | Permissible Limit |      |   |
| 1      | pH                             | 7.68       | 6.5-8.5                         | No Relaxation     | --   | IS 3025 (Part 11-2022) Electrometric Method                   |
| 2      | Colour                         | 2          | 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                            | 470        | 500                             | 2000              | mg/l | IS 3025 (Part 16-2023) Gravimetric Method                     |
| 6      | Turbidity                      | 0.02       | 1                               | 5                 | NTU  | IS 3025 (Part 10-2023) Nephelometric Method                   |
| 7      | Alkalinity(CaCO <sub>3</sub> ) | <b>320</b> | 200                             | 600               | mg/l | IS 3025 (Part 23-2023) Indicator Method                       |
| 8      | Hardness(CaCO <sub>3</sub> )   | 152        | 200                             | 600               | mg/l | IS 3025 (Part 21- 2009)(RA 2019) EDTA Method                  |
| 9      | Calcium(Ca)                    | 25.65      | 75                              | 200               | mg/l | IS 3025 (Part 40-1991) EDTA Titrimetric Method                |
| 10     | Magnesium(Mg)                  | 21.38      | 30                              | 100               | mg/l | APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method |
| 11     | Chloride(Cl)                   | 43.98      | 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.
6. Temperature condition limit: 25±5°C and Humidity condition limit:50 ±20%

Reviewed and Approved By



**Mr. Pankaj Kumar**  
Quality Manager  
Authorized Signatory  
For, District Water Testing Laboratory  
Tarn Taran

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