## DISTRICT WATER TESTING LABORATORY, FATEHGARH SAHIB

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

dwtlfgs@gmail.com

To,

Garden Valley International School

Chunni Kalan

No.: DWTLFGS/2122/2122/00002 Dated: 07/03/2022

Subject: Testing Reports of Water Samples.

Reference: Your Letter/SRF No. SPL No 1 Dated: 25/02/2022

As per above cited subject and reference, Please find enclosed here with the report of 1 Water sample/s received on dated 25/02/2022. It is request to fill the attached feedback form and send it back to District Water Testing Laboratory, Fatehgarh Sahib

D/A: Test Report

**Authorized Signatory** 

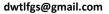
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For, District Water Testing Laboratory,

**Fatehgarh Sahib** 

## DISTRICT WATER TESTING LABORATORY, FATEHGARH SAHIB

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





|  |                            | TEST REPORT              |   |  |
|--|----------------------------|--------------------------|---|--|
| Name & Address of Customer : Garden Valley International School Chunni Kalan |                            | Customer Reference No.   | No : SPL No 1 Dated : 25/02/2022                        |  |
|  |                            | Sample Submitted by      | Narinderjit Singh                                       |  |
|  |                            | Date of Sample Receipt   | 25/02/2022  |  |
|  |                            | Analysis Starting Date   | 25/02/2022  |  |
|  |                            | Analysis completion Date | 04/03/2022  |  |
| Discipline : Chemical Testing  |                            | Group: Water             |   |  |
| Test Report No.:   | DWTLFGS/2122/2122/00002    | Date of Issue :          | 07/03/2022  |  |
| Registration no.:  | DWTLFGS/2122/REG2122/00058 | Condition of Sample :    | Unsealed  |  |
| Source :   | NA                         | Quantity/Type of Bottle: | 500 ml / Amber Coloured Sample Bottle - 500 mL.         |  |
| Scheme :   | NA                         | Location/Depth :         | Garden Valley International School CHunni<br>Kalan / NA |  |
| Village :  | ChunniKalan                | Habitation :             | ChunniKalan   |  |
| Block:   | Khera                      | District :               | Fatehgarh Sahib   |  |
| Latitude :   | NA                         | Longitude:               | NA  |  |
| Sample Type: <b>Wa</b>   | ter                        | 1                        |   |  |

| Sr.<br>No | Parameter  | Result    | As per IS-10500:2012 (2nd Rev.) |                      | 11    | Deference Mathed   |
|-----------|------------|-----------|---------------------------------|----------------------|-------|--|
|           |            |           | Acceptable<br>Limit             | Permissible<br>Limit | Unit  | Reference Method :   |
| 1         | рН         | 7.49      | 6.5-8.5                         | No Relaxation        |       | IS 3025 (Part 11-1993 ) Electrometric Method                     |
| 2         | Colour     | 1         | 5                               | 15                   | Hazen | IS 3025(Part 4-2021) Visual Comparison Method                    |
| 3         | Odour      | AGREEABLE | Agreeable                       | Disagreeable         |       | IS 3025 (Part 5 – 2018) (Second Revision)                        |
| 4         | Taste      | Agreeable | Agreeable                       | Disagreeable         |       | IS 3025 (Part 8 – 1984) (RA 2017)                                |
| 5         | TDS        | 440       | 500                             | 2000                 | mg/l  | IS 3025 (Part 16-1984) Gravimetric Method                        |
| 6         | Turbidity  | BDL       | 1                               | 5                    | NTU   | IS 3025 (Part 10-1984) Nephelometric Method                      |
| 7         | Alkalinity | 204       | 200                             | 600                  | mg/l  | IS 3025 (Part 23-1986) Indicator Method                          |
| 8         | Hardness   | 276       | 200                             | 600                  | mg/l  | IS 3025 (Part 21- 2019) EDTA Method                              |
| 9         | Calcium    | 21        | 75                              | 200                  | mg/l  | IS 3025 (Part 40-1991) EDTA Titrimetric Method                   |
| 10        | Magnesium  | 54        | 30                              | 100                  | mg/l  | APHA (23rd Ed.2017) Method: 3500-Mg+2 B By<br>Calculation Method |
| 11        | Chloride   | 12        | 250                             | 1000                 | mg/l  | IS 3025 (Part 32-1988) Argentometric Method                      |

This Report is issued under the following terms & Condition:

- 1. This report is referring only to the tested sample and for applicable parameter.
- 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 beused be 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)
- 5. \* Value not available or test not performed for this parameter.

Sh. Brij Bhushan Quality Manager Authorized Signatory

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For, District Water Testing Laboratory,

**Fatehgarh Sahib** 

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|-----------------------------------|-----------|
|                                   | TC-9880   |
| <br><b>End of the Test Report</b> |           |

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