# PROFORMA REGARDING SAFE DRINKING WATER AND SANITARY CONDITION **CERTIFICATE**

|      | 100 |  |
|------|-----|--|
| No.  | 638 |  |
| 140. | 000 |  |

Date: 25/5/2023

It is certified that an inspection team headed by Sh. Varun Kumar (J.E) from Water Supply and Sanitation Sub Division No.1 Sangrur inspected the Little Flower Convent School, Distt. Sangrur on 25-05-2023 and found that the Little Flower Convent School, Distt. Sangrur has safe RO drinking water facilities for the students and members of staff of the institution and is maintaining the hygienic sanitation condition in the school building as per the norms prescribed by the Central/State/U.T Govt.

The above valid for a period From 25-05-2023 to 31-03-2024

Sub Division Engineer, Signature with Seal :W/S & Sanitation Sub Divn.1

Name

: Sh. Satinder pal Singh

Designation

: Sub Division Engineer.

To

The Principal

Little Flower Convent School,

Distt.Sangrur

Principa

Prem Basti, D. C Office Road, Opposite to Punjab Gramin Bank, Sangrur rwtlsangrur@gmail.com



|                                       |             |               |                           |                     | TEST REPORT             | Γ                 |  |
|---------------------------------------|-------------|---------------|---------------------------|---------------------|-------------------------|-------------------|--|
| Name & Address of Customer :          |             |               |                           |                     | Customer Reference No.  |                   | No: LFCS/2022-23/14 Dated: 15/04/2023                            |
| Little I                              | Flower Conv | vent Sch      | ool                       |                     | Sample Submitted by     |                   | Binoj Anthony  |
| Little Flower Convent School, Sangrur |             |               | Date of Sample I          | Receipt             | 17/04/2023              |                   |  |
|                                       |             |               |                           |                     | Analysis Starting       | Date              | 17/04/2023   |
|                                       |             |               |                           |                     | Analysis comple         | tion Date         | 18/04/2023   |
| Discin                                | line : Chem | ical Test     | ing                       |                     | Group: Water            |                   |  |
| ULR N                                 |             |               | 23000000101F              |                     | Sample Type :           |                   | Treated Water  |
|                                       | eport No.:  |               | NG/2324/000               |                     | Date of Issue :         |                   | 26/04/2023   |
|                                       | ration no.: | 2011          | NG/REG2324/               |                     | Condition of Sar        | mple :            | Unsealed   |
|                                       | tion Point: | Treatm        | ent Plant<br>VPP/ARP/HH P |                     | Quantity/Type o         |                   | 1000 ml / Plastic Bottles  |
|                                       |             | ntioned(Not N |                           | Location/Depth :    |                         | Ground Floor / NA |  |
| Village : Mangwal                     |             |               |                           | Habitation :        |                         | Mangwal           |  |
| Block                                 |             | Sangrui       |                           | 150.47              | District :              |                   | Sangrur  |
| Latitu                                |             |               | entioned                  |                     | Longitude:              |                   | Not Mentioned  |
| Sr.                                   | uc.         | Not Wentioned |                           |                     | 0500:2012 (2nd<br>Rev.) |                   | Reference Method :   |
| No No                                 | Param       | eter          | Result                    | Acceptable<br>Limit | Permissible<br>Limit    | Unit              | Reference Method .   |
| 1                                     | рН          |               | 7.62                      | 6.5-8.5             | No Relaxation           |                   | IS 3025 (Part 11-1993 ) Electrometric Method                     |
| 2                                     | Colo        | ur            | 1                         | 5                   | 15                      | CU                | IS 3025(Part 4-2021) Visual Comparison Method                    |
| 3                                     | Odo         | ur            | Agreeable                 | Agreeable           | Agreeable               |                   | IS 3025 (Part 5 – 2018) (Second Revision)                        |
| 4                                     | TD:         | S             | 197                       | 500                 | 2000                    | mg/l              | IS 3025 (Part 16-1984) Gravimetric Method                        |
| 5                                     | Turbio      | dity          | BDL                       | 1                   | 5                       | NTU               | IS 3025 (Part 10-1984) Nephelometric Method                      |
| 6                                     |             |               | 132                       | 200                 | 600                     | mg/l              | IS 3025 (Part 23-1986) Indicator Method                          |
| 7 Hardness                            |             | iess          | 84                        | 200                 | 600                     | mg/l              | IS 3025 (Part 21- 2019) EDTA Method                              |
| 8                                     |             |               | 13                        | 75                  | 200                     | mg/l              | IS 3025 (Part 40-1991) EDTA Titrimetric Method                   |
| 9                                     | Magne       | sium          | 13                        | 30                  | 100                     | mg/l              | APHA (23rd Ed.2017) Method: 3500-Mg+2 B By<br>Calculation Method |
| 10                                    | Chlor       | ide           | 24                        | 250                 | 1000                    | mg/l              | IS 3025 (Part 32-1988) Argentometric Method                      |

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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. Tempreture condition limit:  $25\pm5^{\circ}$ C and Humidity condition limit:50  $\pm20\%$ 

Dr. Ramesh Jhorar **Quality Manager Authorized Signatory** 

Same Ther

For, Regional Water Testing Lab, Sangrur

Little Hawf the Test Report Mangwal, Sangrur-148001(Pb.)

Page No: 1/7

Prem Basti, D. C Office Road, Opposite to Punjab Gramin Bank, Sangrur rwtlsangrur@gmail.com

|        |                 |  |                           |   | TEST REPOR             | RT             |   |  |
|--------|-----------------|--|---------------------------|---|------------------------|----------------|---|--|
| Name   | & Address       | of Custor  | mer :                     |   | Customer Reference No. |                | No: LFCS/2022-23/14 Dated: 15/04/2023         |  |
|        | Flower Con      |  |                           |   | Sample Submit          | ted by         | Binoj Anthony                                 |  |
| Little | Flower Con      | vent Sch   | ool, Sangrur              |   | Date of Sample         | Receipt        | 17/04/2023                                    |  |
|        |                 |  |                           |   | Analysis Startin       | g Date         | 17/04/2023                                    |  |
|        |                 |  |                           |   | Analysis compl         | etion Date     | 18/04/2023                                    |  |
| Discip | line : Chem     | nical Test   | ing,Bacteriolo            | gical Testing   | Group: Water           |                |   |  |
| ULR N  |                 |  |                           |   | Sample Type :          |                | Treated Water                                 |  |
| Test R | Report No.:     | RWTL/S   | NG/2324/000               | 11  | Date of Issue :        |                | 26/04/2023                                    |  |
| Regist | tration no.:    | RWTL/S   | NG/REG2324                | /00015  | Condition of Sa        | ample :        | Unsealed                                      |  |
| Collec | ction Point:    | The state of the s | ent Plant<br>/PP/ARP/HH F | Purifier)   | Quantity/Type          | of Bottle:     | 1000 ml / Plastic Bottles                     |  |
| Schen  | ne/Source:      | Not Me   | ntioned(Not N             | Mentioned)  | Location/Depth :       |                | Ground Floor / NA                             |  |
| Villag | e :             | Mangw  | al                        |   | Habitation :           |                | Mangwal                                       |  |
| Block  | : 4 1 1 1 1 1 1 | Sangrur  |                           |   | District :             |                | Sangrur                                       |  |
| Latitu | de :            | Not Me   | ntioned                   |   | Longitude:             |                | Not Mentioned                                 |  |
| Sr.    |                 |  |                           | As per IS-10500:2012 (2nd Rev.)                       |                        |                | Reference Method :                            |  |
| No     | Param           | eter   | Result                    | Acceptable<br>Limit                                   | Permissible<br>Limit   | Unit           | Reference Method :                            |  |
| 1      | Iror            | 1  | BDL                       | 1.0   | No Relaxation          | mg/l           | Spectrophotometric Method                     |  |
| 2      | Fluori          | de   | BDL                       | 1.0   | 1.5                    | mg/l           | APHA 4500 F-(23rd Ed. 2017)/IS-3025 (Part-60) |  |
| 3      | Arser           | nic  | ND                        | 0.01  | No relaxation          | mg/l           | Spectrophotometric Method/ Colorimetric Metho |  |
| 4      | 4 Total Colifor |  | ND                        | Shall not be<br>detectable in<br>any 100 ml<br>sample |                        | MPN/100<br>ml. | IS-1622 MPN Method                            |  |
| 5      | 6 E-Coli        |  | ND                        | Shall not be<br>detectable in<br>any 100 ml<br>sample |                        | MPN/100<br>ml. | IS-1622 MPN Method                            |  |

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- 5. \* Value not available or test not performed for this parameter.
- 6. Tempreture condition limit: 25±5°C and Humidity condition limit:50 ±20%

Jamesh Jhorar Quality Manager Authorized Signatory

For, Regional Water Testing Lab, Sangrur

End of the Test Report

Prem Basti, D. C Office Road, Opposite to Punjab Gramin Bank, Sangrur rwtlsangrur@gmail.com



|              |  |                |                           |                     | TEST REPOR               | Т                                       |  |
|--------------|--|----------------|---------------------------|---------------------|--------------------------|---|--|
| Name         | & Address  | of Custo       | mer :                     |                     | Customer Reference No.   |   | No: LFCS/2022-23/19 Dated: 12/05/2023                            |
| Little       | Flower Con   | vent Sch       | ool                       |                     | Sample Submitted by      |   | Binoj Anthony  |
| Little       | Flower Con   | vent Sch       | ool, Sangrur              |                     | Date of Sample           | Receipt                                 | 13/05/2023   |
|              |  |                |                           |                     | Analysis Starting        | g Date                                  | 15/05/2023   |
|              |  |                |                           |                     | Analysis completion Date |   | 16/05/2023   |
| Discir       | line · Chem  | ical Test      | ting                      |                     | Group: Water             |   |  |
|              | Discipline : Chemical Testing  JLR No.: TC988423000000175F |                |                           |                     | Sample Type :            |   | Treated Water  |
|              | Report No.:  |                | SNG/2324/000              |                     | Date of Issue :          |   | 24/05/2023   |
|              | tration no.:   |                | SNG/REG2324/              |                     | Condition of Sai         | mple :                                  | Unsealed   |
|              | ction Point:   | Treatm         | ent Plant<br>VPP/ARP/HH P |                     | Quantity/Type            | -                                       | 1000 ml / Plastic Bottles  |
|              |  | entioned(Not N |                           | Location/Depth :    |                          | Ground Floor / NA                       |  |
| Villag       |  |                | entioned                  |                     | Habitation :             |   | Not Mentioned  |
| Block        |  | Not Me         | entioned                  |                     | District :               |   | Sangrur  |
| Latitu       |  |                | entioned                  |                     | Longitude:               |   | Not Mentioned  |
| Sr.          |  | Not Weltioned  |                           |                     | 500:2012 (2nd<br>Rev.)   |   | Defended Mashed  |
| No           | Param  | eter           | Result                    | Acceptable<br>Limit | Permissible<br>Limit     | Unit                                    | Reference Method :   |
| 1            | рН   |                | 8.49                      | 6.5-8.5             | No Relaxation            | -                                       | IS 3025 (Part 11-1993 ) Electrometric Method                     |
| 2            | Color  | ur             | 2                         | 5                   | 15                       | CU                                      | IS 3025(Part 4-2021) Visual Comparison Method                    |
| 3            | Ôdou   | ır             | agreeable                 | Agreeable           | Agreeable                |   | IS 3025 (Part 5 – 2018) (Second Revision)                        |
| 4            | TDS  |                | 138                       | 500                 | 2000                     | mg/l                                    | IS 3025 (Part 16-1984) Gravimetric Method                        |
| 5 Turbidity  |  | lity           | BDL                       | 1                   | 5                        | NTU                                     | IS 3025 (Part 10-1984) Nephelometric Method                      |
| 6 Alkalinity |  | 104            | 200                       | 600                 | mg/l                     | IS 3025 (Part 23-1986) Indicator Method |  |
| 7            | Hardn  | ess            | 56                        | 200                 | 600                      | mg/l                                    | IS 3025 (Part 21- 2019) EDTA Method                              |
| 8            | Calciu   | ım             | 13                        | 75                  | 200                      | mg/l                                    | IS 3025 (Part 40-1991) EDTA Titrimetric Method                   |
| 9            | Magnes   | sium           | 6                         | 30                  | 100                      | mg/l                                    | APHA (23rd Ed.2017) Method: 3500-Mg+2 B By<br>Calculation Method |
| 10           | Chlori   | ide            | 22                        | 250                 | 1000                     | mg/l                                    | IS 3025 (Part 32-1988) Argentometric Method                      |

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- 5. \* Value not available or test not performed for this parameter.

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6. Tempreture condition limit: 25 $\pm$ 5°C and Humidity condition limit:50  $\pm$ 20%

Dr. Ramesh Jhorar Quality Manager Authorized Signatory

Same Thur

For Regional Water Testing Lab, Sangrur

End of the Test Report

Manager Little Flower Convent School Mangwal, Sangrur-148001(Pb.)

Page No: 1/3

Prem Basti, D. C Office Road, Opposite to Punjab Gramin Bank, Sangrur rwtlsangrur@gmail.com

|         |   |            |                   |   | TEST REPO                      | RT                        |                                       |
|---------|---|------------|-------------------|---|--------------------------------|---------------------------|---------------------------------------|
| Name    | & Address   | of Custon  | ner:              |   | Customer Refe                  | rence No.                 | No: LFCS/2022-23/19 Dated: 12/05/2023 |
|         | Flower Con  |            |                   |   | Sample Submit                  | ted by                    | Binoj Anthony                         |
| Little  | Flower Con  | vent Scho  | ool, Sangrur      |   | Date of Sample                 | Receipt                   | 13/05/2023                            |
|         |   |            |                   |   | Analysis Startir               | ng Date                   | 15/05/2023                            |
|         |   |            |                   |   | Analysis compl                 | etion Date                | 16/05/2023                            |
| Discip  | line : Bacte  | riological | Testing           |   | Group: Water                   |                           |                                       |
| ULR N   | lo.:  |            |                   |   | Sample Type :                  |                           | Treated Water                         |
| Test R  | Report No.:   | RWTL/SI    | NG/2324/000       | )73   | Date of Issue :                |                           | 24/05/2023                            |
| Regist  | tration no.:  | RWTL/SI    | NG/REG2324        | /00239  | Condition of Sa                | ample :                   | Unsealed                              |
| Collec  | ollection Point: Treatment Plant (RO/CWPP/ARP/HH Puri |            | Purifier)         | Quantity/Type of Bottle                               |                                | 1000 ml / Plastic Bottles |                                       |
| Schen   | ne/Source:  | Not Mer    | ntioned(Not I     | Mentioned)  | Location/Dept                  | h :                       | Ground Floor / NA                     |
| Village | e:  | Not Mer    | ntioned           |   | Habitation :                   |                           | Not Mentioned                         |
| Block:  | :   | Not Mer    | ntioned           |   | District :                     |                           | Sangrur                               |
| Latitu  | de :  | Not Mer    | ntioned           |   | Longitude:                     |                           | Not Mentioned                         |
| Sr.     |   |            |                   |   | er IS-10500:2012 (2nd<br>Rev.) |                           | Reference Method :                    |
| No      | Param   | eter       | Result Acceptable |   | Permissible<br>Limit           | Unit                      | kererence wiethod :                   |
| 1       | Total Coliform  |            | ND                | Shall not be<br>detectable in<br>any 100 ml<br>sample |                                | MPN/100<br>ml.            | IS-1622 MPN Method                    |
| 2       | E-Co  | ili        | ND                | Shall not be<br>detectable ir<br>any 100 ml<br>sample |                                | MPN/100<br>ml.            | IS-1622 MPN Method                    |

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- 5. \* Value not available or test not performed for this parameter.
- 6. Tempreture condition limit: 25±5°C and Humidity condition limit:50 ±20%

Dr. Ramesh Jhorar Quality Manager Authorized Signatory

James Mar

For, Regional Water Testing Lab, Sangrur

End of the Test Report

Little Flower Convent School Mangwal, Sangrur-148001(Pb.)

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|                              |   |           |                           |                     | TEST REPOR              | Т         |  |
|------------------------------|---|-----------|---------------------------|---------------------|-------------------------|-----------|--|
| Name & Address of Customer : |   |           |                           |                     | Customer Refer          | ence No.  | No : LFCS/2022-23/14 Dated : 15/04/2023                          |
|                              | Flower Con                                  |           |                           |                     | Sample Submitted by     |           | Binoj Anthony  |
| Little                       | Flower Con                                  | vent Sch  | iool, Sangrur             |                     | Date of Sample          | Receipt   | 17/04/2023   |
|                              |   |           |                           |                     | Analysis Starting       | Date      | 17/04/2023   |
|                              |   |           |                           |                     | Analysis comple         | tion Date | 18/04/2023   |
| Discip                       | oline : Chem                                | ical Test | ting                      |                     | Group: Water            |           |  |
| ULR N                        |   |           | 23000000101F              |                     | Sample Type :           |           | Treated Water  |
|                              | Report No.:                                 |           | SNG/2324/000              |                     | Date of Issue :         |           | 26/04/2023   |
|                              | tration no.:                                |           | SNG/REG2324/              |                     | Condition of Sai        | mple :    | Unsealed   |
|                              | ction Point:                                | Treatm    | ent Plant<br>VPP/ARP/HH P |                     | Quantity/Type of        |           | 1000 ml / Plastic Bottles  |
| Schen                        | Scheme/Source: Not Mentioned(Not Mentioned) |           |                           | at the same         | Location/Depth          | :         | K.G1 / NA  |
|                              | /illage : Mangwal                           |           |                           |                     | Habitation :            |           | Mangwal  |
| Block                        |   | Sangru    |                           |                     | District :              |           | Sangrur  |
| Latitu                       |   |           | entioned                  |                     | Longitude:              |           | Not Mentioned  |
| Sr.                          |   |           | As p                      |                     | 0500:2012 (2nd<br>Rev.) | Unit      | Reference Method :   |
| No                           | Param                                       | eter      | Result                    | Acceptable<br>Limit | Permissible<br>Limit    | Onic      | Reference Method .   |
| 1                            | рН  |           | 7.87                      | 6.5-8.5             | No Relaxation           | •         | IS 3025 (Part 11-1993 ) Electrometric Method                     |
| 2                            | Colo  | ur        | 2                         | 5                   | 15                      | CU        | IS 3025(Part 4-2021) Visual Comparison Method                    |
| 3                            | Odo   | ır        | Agreeable                 | Agreeable           | Agreeable               | - ·       | IS 3025 (Part 5 – 2018) (Second Revision)                        |
| 4                            | TDS   |           | 71                        | 500                 | 2000                    | mg/l      | IS 3025 (Part 16-1984) Gravimetric Method                        |
| 5                            | Turbio                                      | lity      | BDL                       | 1                   | 5                       | NTU       | IS 3025 (Part 10-1984) Nephelometric Method                      |
| 6                            | Alkalir                                     | nity      | 48                        | 200                 | 600                     | mg/l      | IS 3025 (Part 23-1986) Indicator Method                          |
| 7 Hardness                   |   | ess       | 36                        | 200                 | 600                     | mg/l      | IS 3025 (Part 21- 2019) EDTA Method                              |
| 8                            | 8 Calcium                                   |           | 5                         | 75                  | 200                     | mg/l      | IS 3025 (Part 40-1991) EDTA Titrimetric Method                   |
| 9                            | Magne                                       | sium      | 6                         | 30                  | 100                     | mg/l      | APHA (23rd Ed.2017) Method: 3500-Mg+2 B By<br>Calculation Method |
| 10                           | Chlor                                       | ide       | 18                        | 250                 | 1000                    | mg/l      | IS 3025 (Part 32-1988) Argentometric Method                      |

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- 5. \* Value not available or test not performed for this parameter.
- 6. Tempreture condition limit:  $25\pm5^{\circ}$ C and Humidity condition limit:  $50\pm20\%$

Jamesh Jhorar Quality Manager Authorized Signatory

For Regional Water Testing Lab, Sangrur

End of the Test Report

Manager Little Flower Convent School Mangwal, Sangrur-148001(Pb.)

Page No: 2/7

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|                              |                  |            |                           |   | TEST REPOR           | RT             |  |  |
|------------------------------|------------------|------------|---------------------------|---|----------------------|----------------|--|--|
| Name & Address of Customer : |                  |            |                           |   | Customer Refe        | rence No.      | No: LFCS/2022-23/14 Dated: 15/04/2023          |  |
|                              | Flower Con       |            |                           |   | Sample Submit        | ted by         | Binoj Anthony                                  |  |
| Little                       | Flower Con       | vent Sch   | ool, Sangrur              |   | Date of Sample       | Receipt        | 17/04/2023                                     |  |
|                              |                  |            |                           |   | Analysis Startir     | ng Date        | 17/04/2023                                     |  |
|                              |                  |            |                           |   | Analysis compl       | etion Date     | 18/04/2023                                     |  |
| Discip                       | oline : Chem     | nical Test | ing,Bacteriolo            | gical Testing   | Group: Water         |                |  |  |
| ULR N                        | No.:             |            |                           |   | Sample Type :        |                | Treated Water                                  |  |
| Test F                       | Report No.:      | RWTL/S     | NG/2324/000               | 11  | Date of Issue :      |                | 26/04/2023                                     |  |
| -                            | tration no.:     |            | NG/REG2324                |   | Condition of Sa      | ample :        | Unsealed                                       |  |
| Colle                        | ction Point:     |            | ent Plant<br>/PP/ARP/HH F | Purifier)   | Quantity/Type        | of Bottle:     | 1000 ml / Plastic Bottles                      |  |
| Scher                        | me/Source:       | Not Me     | ntioned(Not N             | /lentioned)   | Location/Dept        | h :            | K.G1 / NA                                      |  |
| Villag                       | illage : Mangwal |            |                           |   | Habitation :         |                | Mangwal  |  |
| Block                        |                  | Sangrur    |                           |   | District :           |                | Sangrur  |  |
| Latitu                       | ıde :            | Not Me     | ntioned                   |   | Longitude:           |                | Not Mentioned                                  |  |
| Sr.                          |                  |            |                           | As per IS-10500:2012 (2nd Rev.)                       |                      | ,              | Reference Method :                             |  |
| No                           | Param            | eter       | Result                    | Acceptable<br>Limit                                   | Permissible<br>Limit | Unit           | Reference Method :                             |  |
| 1                            | Iron             | 1          | BDL                       | 1.0   | No Relaxation        | mg/l           | Spectrophotometric Method                      |  |
| 2                            | Fluori           | de         | BDL                       | 1.0   | 1.5                  | mg/l           | APHA 4500 F-(23rd Ed. 2017)/IS-3025 (Part-60)  |  |
| 3                            | 3 Arsenic        |            | ND                        | 0.01  | No relaxation        | mg/l           | Spectrophotometric Method/ Colorimetric Method |  |
| 4                            | 4 Total Coliform |            | ND                        | Shall not be<br>detectable in<br>any 100 ml<br>sample |                      | MPN/100<br>ml. | IS-1622 MPN Method                             |  |
| 5                            | E-Coli           |            | ND                        | Shall not be<br>detectable in<br>any 100 ml<br>sample |                      | MPN/100<br>ml. | IS-1622 MPN Method                             |  |

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- 5. \* Value not available or test not performed for this parameter.

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6. Tempreture condition limit: 25±5°C and Humidity condition limit:50 ±20%

Jamesh Jhorar
Quality Manager
Authorized Signatory

For, Regional Water Testing Lab, Sangrur

**End of the Test Report** 

Little Flower Convent School Mangwal, Sangrur-148001(Pb.)

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|   |  |            |              |                     | TEST REPOR             | T                                       |  |
|---|--|------------|--------------|---------------------|------------------------|---|--|
| Name  | e & Address                                | of Custo   | mer:         |                     | Customer Refer         | ence No.                                | No: LFCS/2022-23/14 Dated: 15/04/2023                            |
|   | Flower Con                                 |            |              |                     | Sample Submitted by    |   | Binoj Anthony  |
| Little  | Flower Con                                 | vent Sch   | ool, Sangrur |                     | Date of Sample         | Receipt                                 | 17/04/2023   |
|   |  |            |              |                     | Analysis Starting      | g Date                                  | 17/04/2023   |
|   |  |            |              |                     | Analysis comple        | tion Date                               | 18/04/2023   |
| Discip  | oline : Chem                               | nical Test | ting         |                     | Group: Water           |   |  |
| ULR N   | No.:                                       | TC9884     | 2300000101F  |                     | Sample Type :          |   | Treated Water  |
| Test F  | Report No.:                                | RWTL/S     | SNG/2324/000 | 11                  | Date of Issue :        |   | 26/04/2023   |
| Regis   | tration no.:                               | RWTL/S     | SNG/REG2324/ | 00018               | Condition of Sa        | mple :                                  | Unsealed   |
| Collection Point: Treatment Plant (RO/CWPP/ARP/HH Pur |  |            | urifier)     | Quantity/Type       | of Bottle:             | 1000 ml / Plastic Bottles               |  |
| Scher   | cheme/Source: Not Mentioned(Not Mentioned) |            |              | Mentioned)          | Location/Depth         | ı :                                     | first floor / NA   |
| Villag  | /illage : Mangwal                          |            |              |                     | Habitation :           |   | Mangwal  |
| Block   | : 1  | Sangru     | r            |                     | District :             |   | Sangrur  |
| Latitu  | ıde :                                      | Not Me     | entioned     |                     | Longitude:             |   | Not Mentioned  |
| Sr.   | <b>D</b>                                   | As per IS  |              |                     | 500:2012 (2nd<br>Rev.) | Unit                                    | Reference Method :   |
| No  | Param                                      | eter       | Result       | Acceptable<br>Limit | Permissible<br>Limit   | Onit                                    | Reference Method .   |
| 1   | рН   |            | 7.83         | 6.5-8.5             | No Relaxation          |   | IS 3025 (Part 11-1993 ) Electrometric Method                     |
| 2   | Colo                                       | ur         | 2            | 5                   | 15                     | CU                                      | IS 3025(Part 4-2021) Visual Comparison Method                    |
| 3   | Odo  | ır         | Agreeable    | Agreeable           | Agreeable              |   | IS 3025 (Part 5 – 2018) (Second Revision)                        |
| 4   | TDS  | 3          | 154          | 500                 | 2000                   | mg/l                                    | IS 3025 (Part 16-1984) Gravimetric Method                        |
| 5   | Turbic                                     | lity       | BDL          | 1                   | 5                      | NTU                                     | IS 3025 (Part 10-1984) Nephelometric Method                      |
| 6 Alkalinity  |  | 116        | 200          | 600                 | mg/l                   | IS 3025 (Part 23-1986) Indicator Method |  |
| 7 Hardness  |  | ess        | 68           | 200                 | 600                    | mg/l                                    | IS 3025 (Part 21- 2019) EDTA Method                              |
| 8   | 8 Calcium                                  |            | 13           | 75                  | 200                    | mg/l                                    | IS 3025 (Part 40-1991) EDTA Titrimetric Method                   |
| 9   | Magne                                      | sium       | 9            | 30                  | 100                    | mg/l                                    | APHA (23rd Ed.2017) Method: 3500-Mg+2 B By<br>Calculation Method |
| 10  | Chlori                                     | ide        | 22           | 250                 | 1000                   | mg/l                                    | IS 3025 (Part 32-1988) Argentometric Method                      |

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- 5. \* Value not available or test not performed for this parameter.

GWAL & SP

6. Tempreture condition limit: 25±5°C and Humidity condition limit:50 ±20%

Jamesh Jhorar Quality Manager Authorized Signatory

For, Regional Water Testing Lab, Sangrur

End of the Test Report

Little Flower Convent School Mangwal, Sangrur-148001(Pb.)

Page No: 4/7

Prem Basti, D. C Office Road, Opposite to Punjab Gramin Bank, Sangrur rwtlsangrur@gmail.com

|                              |                  |                          |                           |   | TEST REPO              | RT             |  |  |
|------------------------------|------------------|--------------------------|---------------------------|---|------------------------|----------------|--|--|
| Name & Address of Customer : |                  |                          |                           |   | Customer Reference No. |                | No: LFCS/2022-23/14 Dated: 15/04/2023          |  |
|                              | Flower Con       |                          |                           |   | Sample Submit          | ted by         | Binoj Anthony                                  |  |
| Little                       | Flower Con       | vent Sch                 | ool, Sangrur              |   | Date of Sample         | Receipt        | 17/04/2023                                     |  |
|                              |                  |                          |                           |   | Analysis Startir       | ng Date        | 17/04/2023                                     |  |
|                              |                  |                          |                           |   | Analysis compl         | etion Date     | 18/04/2023                                     |  |
| Discip                       | oline : Chem     | nical Test               | ing,Bacteriolo            | gical Testing   | Group: Water           |                |  |  |
| ULR N                        | No.:             |                          |                           |   | Sample Type :          |                | Treated Water                                  |  |
| Test F                       | Report No.:      | RWTL/S                   | NG/2324/000               | )11   | Date of Issue :        |                | 26/04/2023                                     |  |
| Regis                        | tration no.:     | RWTL/S                   | NG/REG2324                | /00018  | Condition of Sa        | ample :        | Unsealed                                       |  |
| Collec                       | ction Point:     | The second second second | ent Plant<br>/PP/ARP/HH F | Purifier)   | Quantity/Type          | of Bottle:     | 1000 ml / Plastic Bottles                      |  |
| Scher                        | me/Source:       | Not Me                   | ntioned(Not N             | Mentioned) Location/Depth                             |                        | h :            | first floor / NA                               |  |
| Villag                       | e:               | Mangw                    | al                        |   | Habitation :           |                | Mangwal  |  |
| Block                        | :                | Sangrur                  |                           |   | District :             |                | Sangrur  |  |
| Latitu                       | ıde :            | Not Me                   | ntioned                   |   | Longitude:             |                | Not Mentioned                                  |  |
| Sr.                          |                  |                          | D II                      | As per IS-10500:2012 (2nd Rev.)                       |                        | 11             | Deference Method                               |  |
| No                           | Paramo           | eter                     | Result                    | Acceptable<br>Limit                                   | Permissible<br>Limit   | Unit           | Reference Method :                             |  |
| 1                            | Iron             |                          | BDL                       | 1.0   | No Relaxation          | mg/l           | Spectrophotometric Method                      |  |
| 2                            | Fluori           | de                       | BDL                       | 1.0   | 1.5                    | mg/l           | APHA 4500 F-(23rd Ed. 2017)/IS-3025 (Part-60)  |  |
| 3                            | Arser            | nic                      | ND                        | 0.01  | No relaxation          | mg/l           | Spectrophotometric Method/ Colorimetric Method |  |
| 4                            | 4 Total Coliforn |                          | ND                        | Shall not be<br>detectable in<br>any 100 ml<br>sample |                        | MPN/100<br>ml. | IS-1622 MPN Method                             |  |
| 5                            | 5 E-Coli         |                          | ND                        | Shall not be<br>detectable in<br>any 100 ml<br>sample |                        | MPN/100<br>ml. | IS-1622 MPN Method                             |  |

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- 5. \* Value not available or test not performed for this parameter.
- 6. Tempreture condition limit:  $25\pm5^{\circ}$ C and Humidity condition limit:  $50\pm20\%$

Dr. Ramesh Jhorar Quality Manager Authorized Signatory

Manager

Samer Down

For, Regional Water Testing Lab, Sangrur

End of the Test Report

Prem Basti, D. C Office Road, Opposite to Punjab Gramin Bank, Sangrur rwtlsangrur@gmail.com



|                                       |              |        |                           |                     | TEST REPOR              | Т          |  |
|---------------------------------------|--------------|--------|---------------------------|---------------------|-------------------------|------------|--|
| Name & Address of Customer :          |              |        |                           |                     | Customer Reference No.  |            | No: LFCS/2022-23/14 Dated: 15/04/2023                            |
|                                       | Flower Con   |        |                           |                     | Sample Submitted by     |            | Binoj Anthony  |
| Little Flower Convent School, Sangrur |              |        |                           |                     | Date of Sample          | Receipt    | 17/04/2023   |
|                                       |              |        |                           |                     | Analysis Starting       | g Date     | 17/04/2023   |
|                                       |              |        |                           |                     | Analysis comple         | tion Date  | 18/04/2023   |
| Discir                                | oline : Chem | ting   |                           | Group: Water        |                         |            |  |
| ULR N                                 |              |        | 23000000101F              |                     | Sample Type :           |            | Treated Water  |
|                                       | Report No.:  |        | SNG/2324/000              |                     | Date of Issue :         |            | 26/04/2023   |
| A                                     | tration no.: | -      | SNG/REG2324/              |                     | Condition of Sa         | mple :     | Unsealed   |
|                                       | ction Point: | Treatm | ent Plant<br>VPP/ARP/HH P |                     | Quantity/Type           | of Bottle: | 1000 ml / Plastic Bottles  |
| Scheme/Source: Not Mentioned(N        |              |        | entioned(Not N            | lentioned)          |                         |            | K.G2 / NA  |
| Villag                                | e:           | Mangw  | ral                       | T (                 | Habitation :            |            | Mangwal  |
| Block                                 |              | Sangru |                           |                     | District :              |            | Sangrur  |
| Latitu                                | ıde :        |        | entioned                  |                     | Longitude:              |            | Not Mentioned  |
| Sr.                                   |              |        |                           |                     | 0500:2012 (2nd<br>Rev.) |            | Reference Method :   |
| No                                    | Param        | eter   | Result                    | Acceptable<br>Limit | Permissible<br>Limit    | Unit       | Reference Method :   |
| 1                                     | рН           |        | 7.88                      | 6.5-8.5             | No Relaxation           |            | IS 3025 (Part 11-1993 ) Electrometric Method                     |
| 2                                     | Color        | ır     | 2                         | 5                   | 15                      | CU         | IS 3025(Part 4-2021) Visual Comparison Method                    |
| 3                                     | Odou         | ır     | Agreeable                 | Agreeable           | Agreeable               |            | IS 3025 (Part 5 – 2018) (Second Revision)                        |
| 4                                     | TDS          |        | 190                       | 500                 | 2000                    | mg/l       | IS 3025 (Part 16-1984) Gravimetric Method                        |
| 5                                     | Turbio       | lity   | BDL                       | 1                   | 5                       | NTU        | IS 3025 (Part 10-1984) Nephelometric Method                      |
| 6                                     | Alkalir      | nity   | 132                       | 200                 | 600                     | mg/l       | IS 3025 (Part 23-1986) Indicator Method                          |
| 7 Hardness                            |              | ess    | 92                        | 200                 | 600                     | mg/l       | IS 3025 (Part 21- 2019) EDTA Method                              |
| 8                                     | Calciu       | ım     | 11                        | 75                  | 200                     | mg/l       | IS 3025 (Part 40-1991) EDTA Titrimetric Method                   |
| 9                                     | Magnes       | sium   | 16                        | 30                  | 100                     | mg/l       | APHA (23rd Ed.2017) Method: 3500-Mg+2 B By<br>Calculation Method |
| 10                                    | Chlori       | de     | 20                        | 250                 | 1000                    | mg/l       | IS 3025 (Part 32-1988) Argentometric Method                      |

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- 5. \* Value not available or test not performed for this parameter.
- 6. Tempreture condition limit: 25±5°C and Humidity condition limit:50 ±20%

Jamesh Jhorar Quality Manager Authorized Signatory

For Regional Water Testing Lab, Sangrur

End of the Test Report

Prem Basti, D. C Office Road, Opposite to Punjab Gramin Bank, Sangrur rwtlsangrur@gmail.com

|                              |                             |            |                           |   | TEST REPO                         | RT             |  |  |
|------------------------------|-----------------------------|------------|---------------------------|---|-----------------------------------|----------------|--|--|
| Name & Address of Customer : |                             |            |                           |   | Customer Reference No.            |                | No: LFCS/2022-23/14 Dated: 15/04/2023          |  |
|                              | Flower Con                  |            |                           |   | Sample Submit                     | tted by        | Binoj Anthony                                  |  |
| Little                       | Flower Con                  | vent Sch   | ool, Sangrur              |   | Date of Sample                    | e Receipt      | 17/04/2023                                     |  |
|                              |                             |            |                           |   | Analysis Startir                  | ng Date        | 17/04/2023                                     |  |
|                              |                             |            |                           |   | Analysis compl                    | letion Date    | 18/04/2023                                     |  |
| Discip                       | oline : Chem                | nical Test | ing,Bacteriolo            | gical Testing   | Group: Water                      |                |  |  |
| ULR N                        |                             |            |                           |   | Sample Type :                     |                | Treated Water                                  |  |
| Test F                       | Report No.:                 | RWTL/S     | NG/2324/000               | )11   | Date of Issue :                   |                | 26/04/2023                                     |  |
| Regis                        | tration no.:                | RWTL/S     | NG/REG2324                | /00017  | Condition of Sa                   | ample :        | Unsealed                                       |  |
| Collec                       | Collection Point: Treatment |            | ent Plant<br>/PP/ARP/HH F | Purifier)   | Quantity/Type of Bottle:          |                | 1000 ml / Plastic Bottles                      |  |
| Scher                        | me/Source:                  | Not Me     | ntioned(Not N             | Mentioned)  | Location/Dept                     | h :            | K.G2 / NA                                      |  |
| Villag                       | ge :                        | Mangw      | al                        |   | Habitation :                      |                | Mangwal  |  |
| Block                        |                             | Sangrur    |                           |   | District :                        |                | Sangrur  |  |
| Latitu                       | ıde :                       | Not Me     | ntioned                   |   | Longitude:                        | Jary a Si      | Not Mentioned                                  |  |
| Sr.                          | D                           |            | Docult                    |   | s per IS-10500:2012 (2nd<br>Rev.) |                | Reference Method :                             |  |
| No                           | Paramo                      | eter       | Result                    | Acceptable<br>Limit                                   | Permissible<br>Limit              | Unit           | Reference Method :                             |  |
| 1                            | Iron                        |            | BDL                       | 1.0   | No Relaxation                     | mg/l           | Spectrophotometric Method                      |  |
| 2                            | Fluori                      | de         | BDL                       | 1.0   | 1.5                               | mg/l           | APHA 4500 F-(23rd Ed. 2017)/IS-3025 (Part-60)  |  |
| 3                            | Arsen                       | nic        | ND                        | 0.01  | No relaxation                     | mg/l           | Spectrophotometric Method/ Colorimetric Method |  |
| 4                            | 4 Total Colifor             |            | ND                        | Shall not be<br>detectable ir<br>any 100 ml<br>sample | No relaxation                     | MPN/100<br>ml. | IS-1622 MPN Method                             |  |
| 5                            | E-Coli                      |            | ND                        | Shall not be<br>detectable in<br>any 100 ml<br>sample | No relaxation                     | MPN/100<br>ml. | IS-1622 MPN Method                             |  |

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- 5. \* Value not available or test not performed for this parameter.
- 6. Tempreture condition limit:  $25\pm5^{\circ}$ C and Humidity condition limit:  $50\pm20\%$

SWAL 4 SAN

Dr. Ramesh Jhorar Quality Manager Authorized Signatory

Same There

For, Regional Water Testing Lab, Sangrur

End of the Test Report

Prem Basti, D. C Office Road, Opposite to Punjab Gramin Bank, Sangrur rwtlsangrur@gmail.com



|                                       | 1-1  |  | LINE MESSAGE  |  |   | TC-9884  |
|---------------------------------------|--|--|---|--|---|--|
|                                       |  |  |   | TEST REPOR   | Т   |  |
| & Address                             | mer :  | ME SON   | Customer Reference No.  |  | No: LFCS/2022-23/19 Dated: 12/05/2023   |  |
|                                       |  |  |   | Sample Submitt   | ed by   | Binoj Anthony  |
| Little Flower Convent School, Sangrur |  |  |   | Date of Sample   | Receipt   | 13/05/2023   |
|                                       |  |  |   | Analysis Starting  | g Date  | 15/05/2023   |
|                                       |  |  |   | Analysis comple  | tion Date   | 16/05/2023   |
| line : Chem                           | ical Test  | ing  |   | Group: Water   |   |  |
| lo.:                                  | TC98842  | 23000000175F   |   | Sample Type :  |   | Treated Water  |
| Report No.:                           | RWTL/S   | NG/2324/000  | 73  | Date of Issue :  |   | 24/05/2023   |
| tration no.:                          | RWTL/S   | NG/REG2324/  | 00241   | Condition of Sa  | mple :  | Unsealed   |
| Collection Point: Treatment           |  |  | urifier)  | Quantity/Type of Bottle:   |   | 1000 ml / Plastic Bottles  |
|                                       |  | ntioned(Not N  | lentioned)  | Location/Depth   | : 0 7   | 3rd Floor / NA   |
| e :                                   | Not Me   | ntioned  |   | Habitation :   |   | Not Mentioned  |
|                                       | Not Me   | ntioned  | District :  |  |   | Sangrur  |
| de :                                  | Not Me   | ntioned  |   | Longitude:   |   | Not Mentioned  |
|                                       |  |  |   | per IS-10500:2012 (2nd<br>Rev.)  |   | Reference Method :   |
| Parame                                | eter   | Kesuit   | Acceptable<br>Limit   | Permissible<br>Limit   | Onit  | Reference Method :   |
| рН                                    |  | 8.45   | 6.5-8.5   | No Relaxation  |   | IS 3025 (Part 11-1993 ) Electrometric Method   |
| Colou                                 | ır   | 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 TDS                                 |  | 148  | 500   | 2000   | mg/l  | IS 3025 (Part 16-1984) Gravimetric Method  |
| 5 Turbid                              |  | BDL  | 1   | 5  | NTU   | IS 3025 (Part 10-1984) Nephelometric Method  |
| 6 Alkalinity                          |  | 116  | 200   | 600  | mg/l  | IS 3025 (Part 23-1986) Indicator Method  |
| Hardn                                 | ess  | 80   | 200   | 600  | mg/l  | IS 3025 (Part 21- 2019) EDTA Method  |
| Calciu                                | m  | 13   | 75  | 200  | mg/l  | IS 3025 (Part 40-1991) EDTA Titrimetric Method   |
|                                       | line : Chem lo.: leport No.: cration no.: ction Point: de :  Parame  pH Colou Odou TDS Turbid Alkalin Hardne | Flower Convent Scho Flower Convent Flower Flower Convent Scho Fl | Report No.: RWTL/SNG/2324/000  Fration no.: RWTL/SNG/REG2324/  Ition Point: Treatment Plant (RO/CWPP/ARP/HH P  Ine/Source: Not Mentioned  Not Mentioned  Not Mentioned  Parameter Result  PH 8.45  Colour 1  Odour agreeable  TDS 148  Turbidity BDL  Alkalinity 116  Hardness 80 | Flower Convent School Flower Convent School, Sangrur    Iline : Chemical Testing | Result  Parameter  Result  Parameter  Parameter  Result  Result  Parameter  Result  Result | Flower Convent School, Sangrur  Sample Submitted by Date of Sample Receipt Analysis Starting Date Analysis completion Date  Group: Water  Sample Type:  Sample Tyelle  Sample Type:  Sample Type:  Sample Type:  Sample Type:  Sam |

This Report is issued under the following terms & Condition:

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Magnesium

Chloride

9

10

2. The sample will be destroyed after retention time unless otherwise specified specially.

12

20

3. This report is not to be reproduce wholly or in part and can't beused be as evidence in court of law.

30

250

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100

1000

mg/l

mg/l

- 5. \* Value not available or test not performed for this parameter.
- 6. Tempreture condition limit: 25±5°C and Humidity condition limit:50 ±20%

Jamesh Jhorar Quality Manager Authorized Signatory

For, Regional Water Testing Lab, Sangrur

APHA (23rd Ed.2017) Method: 3500-Mg+2 B By

Calculation Method

IS 3025 (Part 32-1988) Argentometric Method

End of the Test Report Manuser Little Flower Convent School

Prem Basti, D. C Office Road, Opposite to Punjab Gramin Bank, Sangrur rwtlsangrur@gmail.com

|   |           |   |                                 |   | TEST REPOI                                 | RT                        |  |
|---|-----------|---|---------------------------------|---|--|---------------------------|--|
| Name & Address of Customer :<br>Little Flower Convent School<br>Little Flower Convent School, Sangrur |           |   |                                 |   | Customer Reference No. Sample Submitted by |                           | No : LFCS/2022-23/19 Dated : 12/05/2023<br>Binoj Anthony |
|   |           |   |                                 |   |  |                           |  |
|   |           |   |                                 |   | Analysis Starting Date                     |                           | 15/05/2023   |
|   |           |   |                                 |   | Analysis completion Date                   |                           | 16/05/2023   |
|   |           |   |                                 |   | Discipline : Bacteriological Testing       |                           |  |
| ULR No.:  |           | less II II                                |                                 |   | Sample Type :                              |                           | Treated Water  |
| Test Report No.:  |           | RWTL/SNG/2324/00073                       |                                 |   | Date of Issue :                            |                           | 24/05/2023   |
| Registration no.:   |           | RWTL/SNG/REG2324/00241                    |                                 |   | Condition of Sample :                      |                           | Unsealed   |
| Collection Point:   |           | Treatment Plant (RO/CWPP/ARP/HH Purifier) |                                 | Quantity/Type of Bottle:                              |  | 1000 ml / Plastic Bottles |  |
| Scheme/Source:  |           | Not Mentioned(Not Mentioned)              |                                 |   | Location/Depth :                           |                           | 3rd Floor / NA   |
| Village :   |           | Not Mentioned                             |                                 |   | Habitation :                               |                           | Not Mentioned  |
| Block:  |           | Not Mentioned                             |                                 |   | District :                                 |                           | Sangrur  |
| Latitu  | de :      | Not Mentioned                             |                                 |   | Longitude:                                 |                           | Not Mentioned  |
| Sr.   |           |   | As per IS-10500:2012 (<br>Rev.) |   | 11-2                                       | Reference Method :        |  |
| No  | Param     | eter                                      | Result                          | Acceptable<br>Limit                                   | Permissible<br>Limit                       | Unit                      | Reference Method :                                       |
| 1   | Total Col | iform                                     | ND                              | Shall not be<br>detectable ir<br>any 100 ml<br>sample | No relaxation                              | MPN/100<br>ml.            | IS-1622 MPN Method                                       |
| 2   | E-Co      | li  | ND                              | Shall not be<br>detectable ir<br>any 100 ml<br>sample | No relaxation                              | MPN/100<br>ml.            | IS-1622 MPN Method                                       |

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- 5. \* Value not available or test not performed for this parameter.
- 6. Tempreture condition limit:  $25\pm5^{\circ}$ C and Humidity condition limit:  $50\pm20\%$

Dr. Ramesh Jhorar Quality Manager Authorized Signatory

Sames Drus

For, Regional Water Testing Lab, Sangrur

End of the Test Report