# STAR CALIBRATION

*Technology Optimized*

CC-3173

## *Calibration Certificate*

**Certificate No.** STC/CAL/00115

**User Name :** M/s Dr. SR Pathology lab
Chandigarh Road, Opp. K sera Miniplex
Near ITI, Nawanshahr, Pb- 144514



**Format No. STC/7.8F-01**

| | |
|---|---|
| **Equip. For Calibration** | Digital Temperature Sensor With Indicator |
| **Make/Model No.** | N/A |
| **Range** | -50 to 80°C |
| **Least Count** | 0.1°C |
| **Accuracy** | N/A |
| **ID No./Serial No.** | DTIS-01 |
| **SRF No.& Date of Receipt** | 2021/07/022-14/07/2021 |
| **Visual Inspection** | Satisfactory |
| **Date of Calibration** | 15/07/2021 |
| **Suggested Due Date** | 14/07/2022 |
| **Date of Issue** | 17/07/2021 |
| **Calibrated at** | Site |
| **Location** | --- |
| **Enviromental Condition** | |
| **Temperature** | 25 ± 15°C |
| **Humidity** | 50 ± 20%RH |

**Discipline: Thermal Calibration**

| **Equipment & Master Used For Calibration** | |
|---|---|
| **01.** | 4 Wire RTD with Indicator |
| **Make** | Fluke/Tempsens |
| **Serial No.** | 3812025/26097, STC/RTD/01 |
| **Certificate No.** | TL/021/120.2.1 |
| **Next Due Date** | 01/02/2022 |
| **Traceaibility** | Tempsens, Raj. |

### Calibration Results

| Sr. No. | Unit Under Calibration in °C | Standard Reading in °C | Expanded Uncertainty |
|---|---|---|---|
| 1 | -25.1 | -25.04 | ±0.31°C |
| 2 | 40.2 | 40.35 | ±0.22 °C |
| 3 | 60.3 | 60.51 | |
| 4 | 80.4 | 80.65 | |

**Reference Document For Calibration :** STC/SOP/T-05, IS: DKD-R 5-1

**Uncertainty of Measurement :** The Reported expended uncertainty of measurement is stated as the standard uncertainty of mesurment multiplied by the coverage factor k=2 such the coverage probability corresponds to approximately 95% confidence level.

**Note:**

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3.Calibration Certificate without signature are not valid.

**Calibrated By**
**Vivek Sati**
**Calibration Engineer**

STAR CALIBRATION

**Authorized Signatory**
**Krishan Pal**
**(Branch Head)**

# STAR CALIBRATION

*Technology Optimized*

CC-3173

## Calibration Certificate



**Certificate No.** STC/CAL/00109

**User Name:** M/s Dr. SR Pathology lab
Chandigarh Road, Opp. K sera Miniplex
Near ITI, Nawanshahr, Pb- 144514

**Format No. STC/7.8F-01**

| | |
|---|---|
| **Equip. For Calibration** | Digital Thermo Hygrometer |
| **Make/Model No.** | HTC-1 |
| **Range** | -10 to 50 °C/10 to 99% RH |
| **Least Count** | 0.1 °C/1% RH |
| **Accuracy** | N/A |
| **Id No./Serial No.** | DTHM-01 |
| **SRF No. & Date of Receipt** | 2021/07/022-14/07/2021 |
| **Visual Inspection** | Satisfactory |
| **Date of Calibration** | 15/07/2021 |
| **Due Date** | 14/07/2022 |
| **Date of Issue** | 17/07/2021 |
| **Calibrated at** | Lab |
| **Location** | -- |
| **Environmental Condition** | |
| **Temperature** | 25 ± 4°C |
| **Humidity** | 30 to 75% RH |

| **Equipment & Master Used For Calibration** | |
|---|---|
| **01.** | : 4 Wire RTD with Indicator |
| **Make** | : Fluke/Tempsens |
| **Serial No./Id No.** | : 3812025/26097, STC/RTD/01 |
| **Certificate No.** | : TL/021/120.2.1 |
| **Next Due Date** | : 01/02/2022 |
| **Traceability** | : Tempsens, Raj. |
| **02.** | : Humidity Indicator With Sensor |
| **Make** | : HPG Systems/G-1105 |
| **Serial No./Id No.** | : 61319530, STC/DRHIS/01 |
| **Certificate No.** | : C&IJ/CAL/21-01/133 |
| **Next Due Date** | : 30/01/2022 |
| **Traceability** | : C and I, Jaipur |

**Discipline: Thermal Calibration**

### CALIBRATION RESULTS

| S. No. | Unit Under Calibration in °C@50%RH | Standard Reading in°C@50%RH | Expanded Uncertainty |
|---|---|---|---|
| 1. | 15.1 | 15.04 | ±0.63°C |
| 2. | 25.2 | 25.10 | |
| 3. | 35.1 | 34.97 | |
| 4. | 45.4 | 45.11 | |
| | **(%RH) @ 25 °C** | **(%RH) @ 25 °C** | |
| 1. | 20 | 20.38 | ± 2.8 %RH |
| 2. | 40 | 40.62 | |
| 3. | 60 | 60.79 | |
| 4. | 81 | 80.96 | |

**Reference Documents For Calibration :** STC/SOP/T-02, DKD-R5-7

**Uncertainty of Measurement :** T he Reported expended uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2such the coverage probability corresponds to approximately 95% confidence level.

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**Calibrated By**
**Vivek Sati**
**Calibration Engineer**

STAR CALIBRATION

**Authorized Signatory**
**Kishan pal**
**(Branch Head)**

# STAR CALIBRATION

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## *Calibration Certificate*

**Certificate No.** **STC/CAL/00110** **Page No.: 1 of 1**

**User Name:** M/s Dr. SR Pathology lab
Chandigarh Road, Opp. K sera Miniplex
Near ITI, Nawanshahr, Pb- 144514

**Format No. STC/7.8F-01**

| | |
|---|---|
| **Equip. For Calibration** | Centrifuge Machine |
| **Make/Model No.** | Laby ™ |
| **Range** | 0 to 3500 rpm |
| **Least Count** | 10 rpm |
| **Accuracy** | N/A |
| **Id No./Serial No.** | CM/01 |
| **SRF No. & Date of Receipt** | 2021/07/022-14/07/2021 |
| **Visual Inspection** | Satisfactory |
| **Date of Calibration** | 15/07/2021 |
| **Suggested Due Date** | 14/07/2022 |
| **Date of Issue** | 17/07/2021 |
| **Calibrated at** | Site |
| **Location** | -- |
| **Environmental Condition** | |
| **Temperature** | 25 ± 15°C |
| **Humidity** | 50 ± 20% RH |

**Equipment & Master Used For Calibration**

**01.** : Digital Tachometer
**Make** : Prova
**Serial No./Id No.** : 10300455/STC/DTM/01
**Certificate No.** : 2106/0099/01
**Next Due Date** : 25/05/2022
**Traceability** : Excellent Services.

**Discipline: RPM Calibration**

**CALIBRATION RESULTS**

| S. No. | Unit Under Calibration in (RPM) | Standard Reading in (RPM) | Expanded Uncertainty |
|---|---|---|---|
| 1. | 1000 | 1002.4 | ±7.26 RPM |
| 2. | 2000 | 2003.3 | |
| 3. | 3000 | 3004.2 | |
| 4. | 3500 | 3505.1 | |

**Reference Documents For Calibration :** STC/SOP/M-09, IS: 12508

**Uncertainty of Measurement :** The Reported expended uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2such that the coverage probability corresponds to approximately 95% confidence level.

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**Calibrated By**
**Vivek Sati**
**Calibration Engineer**

STAR CALIBRATION

**Authorized Signatory**
**Kishan Pal**
**(Branch Head)**

NABL Lab 1, 1st Floor, Near Swami Hospital, Mohan Nagar, Tehsil Road, Derabassi, Distt. Mohali (Punjab)
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Mobile: +91-7454800492,7454800494, 7533902785, E-Mail: subhash1804@gmail.com, star.calibration.tm@gmail.com

# STAR CALIBRATION

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## *Calibration Certificate*

**Certificate No.** STC/CAL/00114 **Page No.: 1 of 1**

**User Name:** M/s Dr. SR Pathology lab
Chandigarh Road, Opp. K sera Miniplex
Near ITI, Nawanshahr, Pb- 144514

**Format No. STC/7.8F-01**

| | |
|---|---|
| **Equip. For Calibration** | Centrifuge Machine |
| **Make/Model No.** | Laby ™ |
| **Range** | 0 to 3500 rpm |
| **Least Count** | 10 rpm |
| **Accuracy** | N/A |
| **Id No./Serial No.** | CM/02 |
| **SRF No. & Date of Receipt** | 2021/07/022-14/07/2021 |
| **Visual Inspection** | Satisfactory |
| **Date of Calibration** | 15/07/2021 |
| **Suggested Due Date** | 14/07/2022 |
| **Date of Issue** | 17/07/2021 |
| **Calibrated at** | Site |
| **Location** | -- |
| **Environmental Condition** | |
| **Temperature** | 25 ± 15°C |
| **Humidity** | 50 ± 20% RH |

**Equipment & Master Used For Calibration**

**01.** : Digital Tachometer
**Make** : Prova
**Serial No./Id No.** : 10300455/STC/DTM/01
**Certificate No.** : 2106/0099/01
**Next Due Date** : 25/05/2022
**Traceability** : Excellent Services.

**Discipline: RPM Calibration**

**CALIBRATION RESULTS**

| S. No. | Unit Under Calibration in (RPM) | Standard Reading in (RPM) | Expanded Uncertainty |
|---|---|---|---|
| 1. | 1000 | 1001.2 | ±7.26 RPM |
| 2. | 2000 | 2002.5 | |
| 3. | 3000 | 3003.1 | |
| 4. | 3500 | 3504.4 | |

**Reference Documents For Calibration :** STC/SOP/M-29, IS: 12508

**Uncertainty of Measurement :**The Reported expended uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2such that the coverage probability corresponds to approximately 95% confidence level.

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**Vivek Sati**
**Calibration Engineer**

STAR CALIBRATION

**Authorized Signatory**
**Kishan Pal**
**(Branch Head)**

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NABL Lab 2, Bayan Khala, Raja Road, Near Bajaj Workshop, Selaqui, Dehradun (Uttarakhand)
Mobile: +91-7454800492,7454800494, 7533902785, E-Mail: subhash1804@gmail.com, star.calibration.tm@gmail.com

# STAR CALIBRATION

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## Calibration Certificate

**Certificate No.** STC/CAL/00113 **Page No.: 1 of 1**

**User Name:** M/s Dr. SR Pathology lab
Chandigarh Road, Opp. K sera Miniplex
Near ITI, Nawanshahr, Pb- 144514

**Format No. STC/7.8F-01**

| | |
|---|---|
| **Equip. For Calibration** | Micro pipette |
| **Make/Model No.** | Erba |
| **Range** | 100 to 1000 µl |
| **Least Count** | N/A |
| **Accuracy** | N/A |
| **Id No./Serial No.** | OC500083 |
| **SRF No.& Date of Receipt** | 2021/07/022-14/07/2021 |
| **Visual Inspection** | Satisfactory |
| **Date of Calibration** | 15/07/2021 |
| **Suggested Due Date** | 14/07/2022 |
| **Date of Issue** | 17/07/2021 |
| **Calibrated at** | Lab |
| **Location** | -- |
| **Environmental Condition** | |
| **Temperature** | 25 ± 3°C |
| **Humidity** | 50 ± 20 % RH |

| **Equipment & Master Used For Calibration** | | |
|---|---|---|
| **01.** | : | Std. Weight Box |
| **Make** | : | Weightronics |
| **Serial No./Id No.** | : | STC/ASW/01 |
| **Certificate No.** | : | WMCL/E/2020-02/3262 |
| **Next Due Date** | : | 06/02/2023 |
| **Traceability** | : | WMCL |

**Discipline: Mechanical Calibration (Mass & Volume)**

**CALIBRATION RESULTS**

| S. No. | Unit Under Calibration in (µl) | Standard Reading in (µl) | Expanded Uncertainty |
|---|---|---|---|
| 1. | 200 | 200.21 | ± 35 µl |
| 2. | 400 | 400.36 | |
| 3. | 600 | 600.42 | |
| 4. | 800 | 800.51 | |

**Reference Documents For Calibration :**STC/SOP/M-07, IS :8655-6

**Uncertainty of Measurement :**The Reported expended uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2such the coverage probability corresponds to approximately 95% confidence level.

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**Calibrated By**
**Vivek Sati**
**Calibration Engineer**

STAR CALIBRATION

**Authorized Signatory**
**Kishan Pal**
**(Branch Head)**

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NABL Lab 2, Bayan Khala, Raja Road, Near Bajaj Workshop, Selaqui, Dehradun (Uttarakhand)
Mobile: +91-7454800492,7454800494, 7533902785, E-Mail: subhash1804@gmail.com, star.calibration.tm@gmail.com

# STAR CALIBRATION

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CC-3173

## Calibration Certificate



**Certificate No.** STC/CAL/00111

**User Name:** M/s Dr. SR Pathology lab
Chandigarh Road, Opp. K sera Miniplex
Near ITI, Nawanshahr, Pb- 144514

**Format No. STC/7.8F-01**

| | |
|---|---|
| **Equip. For Calibration** | Micro pipette |
| **Make/Model No.** | Erba |
| **Range** | 10 to 100 µl |
| **Least Count** | N/A |
| **Accuracy** | N/A |
| **Id No./Serial No.** | YE177AF0040510 |
| **SRF No.& Date of Receipt** | 2021/07/022-14/07/2021 |
| **Visual Inspection** | Satisfactory |
| **Date of Calibration** | 15/07/2021 |
| **Suggested Due Date** | 14/07/2022 |
| **Date of Issue** | 17/07/2021 |
| **Calibrated at** | Lab |
| **Location** | -- |
| **Environmental Condition** | |
| **Temperature** | 25 ± 3°C |
| **Humidity** | 50 ± 20 % RH |

**Equipment & Master Used For Calibration**

| | | |
|---|---|---|
| **01.** | : | Std. Weight Box |
| **Make** | : | Weightronics |
| **Serial No./Id No.** | : | STC/ASW/01 |
| **Certificate No.** | : | WMCL/E/2020-02/3262 |
| **Next Due Date** | : | 06/02/2023 |
| **Traceability** | : | WMCL |

**Discipline: Mechanical Calibration (Mass & Volume)**

**CALIBRATION RESULTS**

| S. No. | Unit Under Calibration in (µl) | Standard Reading in (µl) | Expanded Uncertainty |
|---|---|---|---|
| 1. | 20 | 20.02 | ± 7.93 µl |
| 2. | 40 | 40.10 | |
| 3. | 60 | 60.16 | |
| 4. | 80 | 80.22 | |

**Reference Documents For Calibration :**STC/SOP/M-07, IS :8655-6

**Uncertainty of Measurement :**The Reported expended uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2such the coverage probability corresponds to approximately 95% confidence level.

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**Vivek Sati**
**Calibration Engineer**

STAR CALIBRATION

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Mobile: +91-7454800492,7454800494, 7533902785, E-Mail: subhash1804@gmail.com, star.calibration.tm@gmail.com

# STAR CALIBRATION

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CC-3173

## *Calibration Certificate*

**Certificate No.** **STC/CAL/00112** **Page No.: 1 of 1**

**User Name:** M/s Dr. SR Pathology lab
Chandigarh Road, Opp. K sera Miniplex
Near ITI, Nawanshahr, Pb- 144514

**Format No. STC/7.8F-01**

| | |
|---|---|
| **Equip. For Calibration** | Micro pipette |
| **Make/Model No.** | --. |
| **Range** | 5 to 50 µl |
| **Least Count** | N/A |
| **Accuracy** | N/A |
| **Id No./Serial No.** | YE192AL0264125 |
| **SRF No.& Date of Receipt** | 2021/07/022-14/07/2021 |
| **Visual Inspection** | Satisfactory |
| **Date of Calibration** | 15/07/2021 |
| **Suggested Due Date** | 14/07/2022 |
| **Date of Issue** | 17/07/2021 |
| **Calibrated at** | Lab |
| **Location** | -- |
| **Environmental Condition** | |
| **Temperature** | 25 ± 3°C |
| **Humidity** | 50 ± 20 % RH |

| **Equipment & Master Used For Calibration** | | |
|---|---|---|
| **01.** | : | Std. Weight Box |
| **Make** | : | Weightronics |
| **Serial No./Id No.** | : | STC/ASW/01 |
| **Certificate No.** | : | WMCL/E/2020-02/3262 |
| **Next Due Date** | : | 06/02/2023 |
| **Traceability** | : | WMCL |

**Discipline: Mechanical Calibration (Mass & Volume)**

**CALIBRATION RESULTS**

| S. No. | Unit Under Calibration in (µl) | Standard Reading in (µl) | Expanded Uncertainty |
|---|---|---|---|
| 1. | 5 | 5.01 | ± 7.93 µl |
| 2. | 10 | 10.06 | |
| 3. | 30 | 30.13 | |
| 4. | 50 | 50.20 | |

**Reference Documents For Calibration :**STC/SOP/M-07, IS :8655-6

**Uncertainty of Measurement :**The Reported expended uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2such the coverage probability corresponds to approximately 95% confidence level.

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**Vivek Sati**
**Calibration Engineer**

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