## Manufacturer's Certificate of Validation

| Certificate No. | Calibratoin Date | Page |
| :--- | :--- | :--- |
| G19071702 | July 17,2019 | 1 of 1 |

PLUSTRACE TECHNOLOGIES certifies that the products mentioned on the following pages) have been thoroughly tested, validated and met performance accuracy specifications over the stated ranges.

## Reference Instrument

| Device | Model | Calibration Date | Accuracy/Volatility | Serial Number |
| :--- | :---: | :---: | :---: | :---: |
| FLUKE Standard | 1551 A | August 28,2018 | $\pm 0.05^{\circ} \mathrm{C}$ | FQDT-378 |
| Temperature Instrument |  |  |  |  |

All reference instruments are periodically calibrated by HNIM, a CNAS (China National Accreditation Service) accrediated laboratory and traceable to NIST according to Multi-Recognition Agreement. CNAS is full member of the International Laboratory Accreditation Cooperation. This Validation Certificate is also accepted by all signatories to the ILAC MRA.

Environment Conditions

| Air Temperature |
| :--- |
| $20.5^{\circ} \mathrm{C}$ |
| Relative Humidity |
| $53.0 \%$ |

Valiadion Information

| Validation Points | Tolerance | Result |
| :---: | :---: | :---: |
| $+60^{\circ} \mathrm{C}$ | $\pm 0.2^{\circ} \mathrm{C}$ | PASS |
| $+40^{\circ} \mathrm{C}$ | $\pm 0.2^{\circ} \mathrm{C}$ | PASS |
| $+25^{\circ} \mathrm{C}$ | $\pm 0.2^{\circ} \mathrm{C}$ | PASS |
| $0^{\circ} \mathrm{C}$ | $\pm 0.2^{\circ} \mathrm{C}$ | PASS |
| $-5^{\circ} \mathrm{C}$ | $\pm 0.2^{\circ} \mathrm{C}$ | PASS |
| $-25^{\circ} \mathrm{C}$ | $\pm 0.2^{\circ} \mathrm{C}$ | PASS |

## Product Information

| Product Name | Serial Number | Production Date | Expiry Date | Quantity |
| :--- | :--- | :--- | :--- | :--- |
| Plustrace G1 | S19040893-S19040942 | $07 / 2019$ | $07 / 2019$ | 50 |

Approved by:



