

CERTIFICATE OF CALIBRATION



PRODUCT Tlog 100EC **SERIAL No.** CM520C10050 **DATE OF CALIBRATION** 12/2020

STATEMENT OF CALIBRATION

The products mentioned on the following page have been thoroughly tested, validated and meet performance accuracy specifications over the stated ranges. The certificate is valid for two years from the date of calibration.

REFERENCE EQUIPMENT

Low-temperature testing equipment, model ATL60 accuracy $\pm 0.015^{\circ}\text{C}$;
 Constant temperature trough, model XORTS-120A accuracy $\pm 0.01^{\circ}\text{C}$;
 The above reference instruments have been calibrated by the China National Accreditation Council for Conformity Assessment and can be traced back to the National Institute of Standards and Technology (NIST) under multiple accreditation agreements.

Temp Accuracy $-20^{\circ}\sim+40^{\circ}\text{C}(\pm 0.3^{\circ}\text{C})$ $-50^{\circ}\sim+85^{\circ}\text{C}(\pm 0.5^{\circ}\text{C})$ **Others** $\pm 1.0^{\circ}\text{C}$

| Validation Points | Indicated Points | Variance | Tolerance | Result |
|-------------------|------------------|----------|---------------------------|--------|
| +150°C | 149.5°C | -0.5°C | $\pm 1.0^{\circ}\text{C}$ | PASS |
| +85°C | 85.1°C | 0.1°C | $\pm 0.5^{\circ}\text{C}$ | PASS |
| +40°C | 40.0°C | 0.0°C | $\pm 0.3^{\circ}\text{C}$ | PASS |
| -20°C | -20.1°C | -0.1°C | $\pm 0.3^{\circ}\text{C}$ | PASS |
| -50°C | -50.2°C | -0.2°C | $\pm 0.5^{\circ}\text{C}$ | PASS |
| -85°C | -85.1°C | -0.1°C | $\pm 1.0^{\circ}\text{C}$ | PASS |

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