

## Manufacturer's Certificate of Validation

Certificate Number	Date	Page
VCS1PT22100038-03	19-Oct-2022	1 of 1

tempmate GmbH certifies that the products mentioned on the following page(s) have been thoroughly tested, validated, and met performance accuracy specifications over the stated ranges.

### Reference Instrumentation

Model	Calibration Date	Accuracy	Serial Number
Weisstechnik PRO C/340/40/3	15-Sep-2022	$\pm 0.1^{\circ}\text{C}$ to $\pm 0.3^{\circ}\text{C}$ / $\pm 1\%$ RH to $\pm 3\%$ RH	54260033210010
Wika - CTH6500	06-Apr-2022	$\pm 0.03^{\circ}\text{C}$ / $\pm 1.5\%$ RH	75022010869

All reference instruments are calibrated annually by accredited laboratories.

### Environment Conditions

<b>Air Temperature:</b> 27.95 °C	<b>Relative Humidity:</b> 51 % RH
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### Validation Information

Validation Points	Tolerance	Result
+60°C	$\pm 0.25^{\circ}\text{C}$	PASS
+40°C	$\pm 0.25^{\circ}\text{C}$	PASS
+25°C	$\pm 0.25^{\circ}\text{C}$	PASS
0°C	$\pm 0.25^{\circ}\text{C}$	PASS
-5°C	$\pm 0.5^{\circ}\text{C}$	PASS
-25°C	$\pm 0.5^{\circ}\text{C}$	PASS

**Temp. Accuracy:**  $\pm 0.25^{\circ}\text{C}$  (0°C to 60°C),  $\pm 0.5^{\circ}\text{C}$  (Other)

### Product Information

Product Name	Serial Number	Production Date
tempmate-S1 PRO T	S1PT22100038-03	10/2022

This certificate was automatically generated and is valid without signature for two years. The calibration of the digital sensor is valid for two years from the date of production, considering the device is handled/stored under recommended conditions.

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