

Manufacturer's Certificate of Validation

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imec Messtechnik 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

Device	Model	Accuracy/Volatility	Serial Number
Thermometer readout	Fluke 1502A	±0.006@0°C	B15811
Thermostatic waterbath	XORTS-40A	0.002°C	11-061
Thermostatic waterbath	XORTS-20A	0.003°C	11-062
SPRT	AWT2842	Class 2	0111

All reference instruments are calibrated by CIMM (Changchen Institute of Metrology & Measurement), a CNAS (China National Accreditation Service) accredited laboratory, and traceable to NIST according to Multi-Recognition Agreement.

Environment Conditions

Air Temperature
20.7°C
Relative Humidity
54.0%

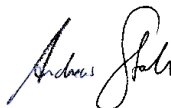
Validation Information

Validation Points	Tolerance	Result
+60°C	±0.5°C	PASS
+40°C	±0.5°C	PASS
+25°C	±0.5°C	PASS
0°C	±0.5°C	PASS
-5°C	±0.5°C	PASS
-25°C	±0.5°C	PASS

Product Information

Product Name	Model	Serial Number	Exp. Date	Quantity
TempMate	TMS90	TM131200001-TM131200020	12/2014	20 pcs.

Inspector:




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*this certificate is valid for a period of 1 (one) year from date of sale.