Manufactory Certificate of Conformity

Certificate No.	Test / Calibration Date	Page
U1205CE6802235	04/07/2024	1/2

Frigga certifies that the products mentioned on the following page(s) have been thoroughly tested and validated under the observation of ISO 9001:2015 certified quality assurance system and meet performance accuracy specifications over the stated ranges.

Reference Instrument

Device	Model	Calibration Date	Accuracy	Serial Number
Thermometer	FLUKE 51II	Nov. 22,2023	+/-0.05°C	56110274WS

Note:All reference instruments used in validation are periodically calibrated by CNAS China National Accreditation Service accredited laboratories, CNAS is full member of the International Laboratory Accreditation Cooperation, so this validation certificate is also accepted by all signatories to the ILAC MRA.

Environment Conditions

Ambient Temperature: 20~25°C; Ambient Humidity:50~60%RH;

Validation Result

Validation points	Result	Tolerance	Status
+60°C	-0.1°C	+/-1°C	PASS
+40°C	-0.4°C	+/-0.5°C	PASS
+25°C	-0.4°C	+/-0.5°C	PASS
0°C	-0.3°C	+/-0.5°C	PASS
-5°C	-0.3°C	+/-0.5°C	PASS
-20°C	-0.2°C	+/-0.5°C	PASS

Product Information

Product Name	Serial Number	Production	Expiry
U1	UF66061615	07/2024	07/2026

This certificate was automatically generated and valid for 2(two) years from date of production

Texas Instruments Incorporated

12500 TI Boulevard
Dallas, Texas 75243

October 10th, 2019

Temperature Sensor Products:

TMP102 TMP75A TMP75-Q1
TMP112 TMP1075 LMT01
TMP116 TMP102-Q1 TMP275
TMP117 TMP112-Q1

Dear Valued Texas Instruments Customer,

The accuracy of temperature testing for the above mentioned products is verified with equipment that is calibrated by an accredited lab that complies with ISO/IEC 17025 policies and procedures. Each device is tested and trimmed to conform to its respective datasheet specification limits.

Per ISO 9001:2015 procedures and TI's quality assurance program, there is a scheduled and documented calibration procedure for the equipment. These procedures provide for traceability of the measurement results to a national standards laboratory such as the National Institute of Standards and Testing (NIST) or an equivalent regional standards laboratory.

Sincerely,
Ivon Ayala
Customer Quality Engineering