



Calibration complies with ISO/IEC
17025, ANSI/NCCL Z540-1, and 9001



Cert. No.: 6410-14641472

Traceable® Certificate of Calibration for High-Accuracy Platinum

Manufactured for and distributed by : Fisher Scientific "300 Industry Drive,,Pittsburgh,PA,15275-1001"

Instrument Identification:

Model: 15-081-108,13597070

S/N: 230801668

Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath	A45240		
Temperature Calibration Bath	A42238		
Digital Thermometer	A9A393	06 Sep 2024	1000496058
Temperature Calibration Bath	B15529		
PRT Temperature Probe	02022	13 Dec 2023	4500022592
Digital Thermometer	B95048	11 Oct 2024	1000497289
Thermistor Module	B96381	16 Oct 2024	1000497288
PRT Temperature Probe	3749	28 Sep 2024	4500017915
Temperature Calibration Bath	C39793		
Temperature Probe	5497	01 Nov 2024	4500035315
Temperature Probe	5492	01 Nov 2024	4500035313

Certificate Information:

Technician: 420

Procedure: CAL-
6410

Cal Date: 28 Nov 2023

Cal Due Date: 28 Nov 2025

Test Conditions: 36%RH 23.67°C 1029mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C	N.A.	N.A.		-80.009	-80.01	Y	-80.11	-79.91	0.024	>4:1
°C	N.A.	N.A.		-0.002	0.00	Y	-0.1	0.1	0.01	>4:1
°C	N.A.	N.A.		50.001	50.00	Y	49.9	50.1	0.01	>4:1
°C	N.A.	N.A.		190.012	190.01	Y	189.91	190.11	0.04	2.50:1

This certificate indicates Traceability to standards provided by (NIST) National Institute of Standards and Technology and/or a National Standards Laboratory.

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement : (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal=Standard's Reading; As Left=Instrument's Reading; In Tol=In Tolerance; Min/Max=Acceptance Range; ± U=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=±(Max-Min)/2; Min=As Left Nominal(Rounded) - Tolerance; Max= As Left Nominal(Rounded) + Tolerance;

Nicol Rodriguez

Nicol Rodriguez, Quality Manager

Note :

Maintaining Accuracy:

In our opinion once calibrated your High-Accuracy Platinum Thermometer should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. High-Accuracy Platinum Thermometer change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

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Control Company is an ISO/IEC 17025:2017 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.
Control Company is ISO 9001:2015 Quality Certified by DNV GL, Certificate No. CERT-01805-2006-AQ-HOU-ANAB.
International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).