



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



Cert. No.: 6410-10851935

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: 192619620 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Probe	128	06 Jun 2020	15-C2Z0T-40-1
Thermistor Module	A17118	21 May 2020	1000441638
Temperature Probe	3039	06 Jun 2020	15-C2Z0T-20-1
Temperature Calibration Bath	A79341		
Temperature Calibration Bath	B15529		
Digital Thermometer	B16815	07 Oct 2020	1000446988
PRT Temperature Probe	02022	22 Oct 2020	B9A17077
Temperature Calibration Bath	B93537		
Temperature Calibration Bath	A84166		
PRT Temperature Probe	4426	29 May 2020	B9530043
Digital Thermometer	B95048	30 May 2020	B9530024

Certificate Information:

Technician: 420 Procedure: CAL-6410 Cal Date: 05 Nov 2019 Cal Due Date: 05 Nov 2021
 Test Conditions: 56.05%RH 23.08°C 1019mBar

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.		-79.995	-80.03	Y	-80.1	-79.89	0.024	>4:1
°C	N.A.	N.A.		-0.001	0.00	Y	-0.1	0.1	0.01	>4:1
°C	N.A.	N.A.		50.002	50.02	Y	49.9	50.1	0.01	>4:1
°C	N.A.	N.A.		190.010	189.95	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

Aaron Justice
Aaron Justice, Technical 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.

Recalibration:

CONTROL COMPANY 12554 Galveston RD Suite B230 Webster TX USA 77598
 Phone 281 482-1714 Fax 281 482-9448 sales@control3.com www.traceable.com

Control Company is an ISO/IEC 17025:2005 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).