



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



Cert. No.: 4096-15012718

Traceable® Certificate of Calibration for Digital Humidity/Temp. Meter

Manufactured for and distributed by : Traceable® Products 12554 Galveston Rd B230, Webster, TX 77598

Instrument Identification:

Model: 4096,98766-84

S/N: 240293383

Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Chilled Mirror Hygrometer	31874/1H2048MCR	01 Mar 2025	22244
Digital Thermometer	181296137	31 May 2024	4000-14207131

Certificate Information:

Technician: 126

Procedure: CAL-17

Cal Date: 08 Apr 2024

Cal Due Date: 08 Apr 2026

Test Conditions: 59.65%RH 24.04°C 1013mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
%RH	N.A.	N.A.		45.03	47	Y	42	48	0.74	>4:1
°C	N.A.	N.A.		25.23	25	Y	24	26	0.58	1.72:1

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 Digital Humidity/Temp. Meter should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. Digital Humidity/Temp. Meter change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

Recalibration:

For factory calibration and re-certification traceable to National Institute of Standards and Technology contact Control Company.

Issue Date : 08 Apr 2024

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 17025:2017 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).



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



Cert. No.: 4096-15012697

Traceable® Certificate of Calibration for Digital Humidity/Temp. Meter

Manufactured for and distributed by : Traceable® Products 12554 Galveston Rd B230, Webster, TX 77598

Instrument Identification:

Model: 4096,98766-84

S/N: 240293362

Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Chilled Mirror Hygrometer	31874/1H2048MCR	01 Mar 2025	22244
Digital Thermometer	181296137	31 May 2024	4000-14207131

Certificate Information:

Technician: 126

Procedure: CAL-17

Cal Date: 08 Apr 2024

Cal Due Date: 08 Apr 2026

Test Conditions: 59.65%RH 24.04°C 1013mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
%RH	N.A.	N.A.		45.03	47	Y	42	48	0.74	>4:1
°C	N.A.	N.A.		25.23	25	Y	24	26	0.58	1.72:1

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Nicol Rodriguez

Nicol Rodriguez, Quality Manager

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



Cert. No.: 4096-15012960

Traceable® Certificate of Calibration for Digital Humidity/Temp. Meter

Manufactured for and distributed by : Traceable® Products 12554 Galveston Rd B230, Webster, TX 77598

Instrument Identification:

Model: 4096,98766-84

S/N: 240293625

Manufacturer: Control Company

Standards/Equipment:

Table with 4 columns: Description, Serial Number, Due Date, NIST Traceable Reference. Rows include Chilled Mirror Hygrometer and Digital Thermometer.

Certificate Information:

Technician: 126

Procedure: CAL-17

Cal Date: 08 Apr 2024

Cal Due Date: 08 Apr 2026

Test Conditions: 59.76%RH 23.94°C 1013mBar

Calibration Data: (New Instrument)

Table with 11 columns: Unit(s), Nominal, As Found, In Tol, Nominal, As Left, In Tol, Min, Max, ±U, TUR. Rows for %RH and °C.

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Nicol Rodriguez (Signature)

Nicol Rodriguez, Quality Manager

Note :

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Recalibration:

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Issue Date : 08 Apr 2024

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



Cert. No.: 4096-15012695

Traceable® Certificate of Calibration for Digital Humidity/Temp. Meter

Manufactured for and distributed by : Traceable® Products 12554 Galveston Rd B230, Webster, TX 77598

Instrument Identification:

Model: 4096,98766-84

S/N: 240293360

Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Chilled Mirror Hygrometer	31874/1H2048MCR	01 Mar 2025	22244
Digital Thermometer	181296137	31 May 2024	4000-14207131

Certificate Information:

Technician: 126

Procedure: CAL-17

Cal Date: 08 Apr 2024

Cal Due Date: 08 Apr 2026

Test Conditions: 59.65%RH 24.04°C 1013mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
%RH	N.A.	N.A.		45.03	47	Y	42	48	0.74	>4:1
°C	N.A.	N.A.		25.23	25	Y	24	26	0.58	1.72:1

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Nicol Rodriguez, Quality Manager

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Cert. No.: 4096-15012711

Traceable® Certificate of Calibration for Digital Humidity/Temp. Meter

Manufactured for and distributed by : Traceable® Products 12554 Galveston Rd B230, Webster, TX 77598

Instrument Identification:

Model: 4096,98766-84

S/N: 240293376

Manufacturer: Control Company

Standards/Equipment:

Table with 4 columns: Description, Serial Number, Due Date, NIST Traceable Reference. Rows include Chilled Mirror Hygrometer and Digital Thermometer.

Certificate Information:

Technician: 126

Procedure: CAL-17

Cal Date: 08 Apr 2024

Cal Due Date: 08 Apr 2026

Test Conditions: 59.65%RH 24.04°C 1013mBar

Calibration Data: (New Instrument)

Table with 11 columns: Unit(s), Nominal, As Found, In Tol, Nominal, As Left, In Tol, Min, Max, ±U, TUR. Rows for %RH and °C.

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Nicol Rodriguez (Signature)

Nicol Rodriguez, Quality Manager

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Cert. No.: 4096-15012715

Traceable® Certificate of Calibration for Digital Humidity/Temp. Meter

Manufactured for and distributed by : Traceable® Products 12554 Galveston Rd B230, Webster, TX 77598

Instrument Identification:

Model: 4096,98766-84

S/N: 240293380

Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Chilled Mirror Hygrometer	31874/1H2048MCR	01 Mar 2025	22244
Digital Thermometer	181296137	31 May 2024	4000-14207131

Certificate Information:

Technician: 126

Procedure: CAL-17

Cal Date: 08 Apr 2024

Cal Due Date: 08 Apr 2026

Test Conditions: 59.65%RH 24.04°C 1013mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
%RH	N.A.	N.A.		45.03	47	Y	42	48	0.74	>4:1
°C	N.A.	N.A.		25.23	25	Y	24	26	0.58	1.72:1

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