

National Institute  
of Standards and Technology



National Voluntary  
Laboratory Accreditation Program

ISO/IEC 17025:1999  
ISO 9002:1994



## Scope of Accreditation

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### CALIBRATION LABORATORIES

NVLAP LAB CODE 200582-0

#### THUNDER SCIENTIFIC CORPORATION

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**NVLAP Code:** 20/A01

ANSI/NCSL Z540-1-1994; Part 1

Compliant

#### THERMODYNAMIC

**NVLAP Code:** 20/T02  
Humidity Generation

##### Range

##### Best Uncertainty ( $\pm$ )<sup>note 1</sup>

##### Remarks

0% to 99%

0.3 %

Relative Humidity

-90 °C to -70.0 °C

0.2 °C

Dew/Frost Point Temperature

-70 °C to 0.0 °C

0.1 °C

Dew/Frost Point Temperature

0.0 °C to 70.0 °C

0.05 °C

Dew/Frost Point Temperature

#### Humidity Measurement

-90 °C to -70.0 °C

0.2 °C

Dew/Frost Point Temperature

-70 °C to 70.0 °C

0.1 °C

Dew/Frost Point Temperature

June 30, 2005

Effective through

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1. Represents an expanded uncertainty using a coverage factor, k=2.

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