

# United States Department of Commerce

## National Institute of Standards and Technology

Certificate of Metrological Traceability For:

# Colorado

This laboratory has demonstrated evidence of an unbroken chain of metrological traceability of its standards to the international system of units (SI), documented measurement uncertainties, uses documented measurement procedures, successfully completed training and proficiency tests, documented calibration intervals, submitted a quality management system, and demonstrated suitable measurement assurance for the Scope listed on this certificate.

The Office of Weights and Measures Program assesses laboratories to NIST Handbook 143 - Program Handbook for State Weights and Measures Laboratories and ISO/IEC 17025:2017.



2024 to 2025

### *Scope*

#### **Mass Echelon I**

20 kg to 1 mg

#### **Mass Echelon II**

25 kg to 1 mg

1000 lb to 0.001 lb

8 oz to 0.03125 oz

#### **Mass Echelon III**

50 kg to 1 mg

2500 lb to 0.001 lb

8 oz to 0.03125 oz

Weight Carts

5000 lb to 2000 lb

#### **Volume Gravimetric, I**

100 gal to 5 gal

#### **Volume Transfer, II**

100 gal to 5 gal

#### **Volume Transfer, II LPG**

100 gal

25 gal

#### **Frequency**

Tuning Forks  $\leq 80$  mph

*Katrice Lippa, Chief  
NIST Office of Weights and Measures*

*Effective Dates: 2024-02-01 to 2026-01-31*