

# United States Department of Commerce

## National Institute of Standards and Technology

Certificate of Metrological Traceability For:

# Arizona

This laboratory has demonstrated evidence of an unbroken chain of metrological traceability of its standards to the international system of units (SI), maintains a documented calibration program, documented measurement uncertainties, uses documented measurement procedures, successfully completed training and proficiency tests, submitted a quality management system, and has 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.

### *Scope*

#### **Mass Echelon II**

30 kg to 1 mg  
50 lb to 0.001 lb  
8 oz to 0.03125 oz

#### **Mass Echelon III**

500 kg to 1 mg  
5000 lb to 0.001 lb  
100 oz to 0.03125 oz

#### **Weight Carts**

5000 lb to 2000 lb

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

100 gal to 1 gal

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

500 gal to 1 gal

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

100 gal to 20 gal



2024 to 2025

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

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