

# United States Department of Commerce

## National Institute of Standards and Technology

Certificate of Metrological Traceability For:

# Missouri

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*

2024

#### **Mass Echelon II**

30 kg to 1 mg  
1000 lb  
500 lb  
50 lb to 0.001 lb  
4oz to 0.03125 oz

#### **Mass Echelon III**

250 kg to 1 mg  
6500 lb to 0.001 lb  
4 oz to 0.03125 oz  
  
Weight Carts  
6500 lb to 2000 lb

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

500 mL  
1 gal to 2 fl oz

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

1500 gal to 5 gal

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

100 gal  
25 gal

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

*Effective Dates: 2024-02-01 to 2025-01-31*