

# United States Department of Commerce

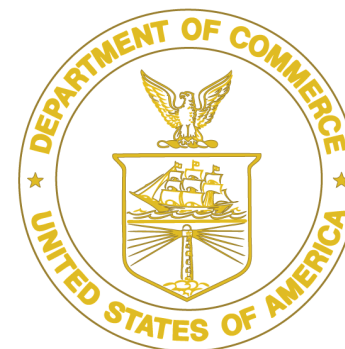
## National Institute of Standards and Technology

Certificate of Metrological Traceability For:

# Tennessee

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**  
1 kg to 1 mg

**Mass Echelon III**  
25 kg to 1 mg  
1000 lb to 0.001 lb  
8 oz to 0.03125 oz

**Volume, Gravimetric**  
5 gal

**Volume Transfer, II**  
1000 gal to 50 gal  
5 gal

2024 to 2025

A handwritten signature in black ink, appearing to read "K. Lippa".

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

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

NOTE: Amended 2024-07-11 for scope range increase to 50 gal for Volume Transfer, II.