

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", is positioned above a horizontal line.

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.