

United States Department of Commerce

National Institute of Standards and Technology

Certificate of Metrological Traceability For:

New York

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.



2025 to 2026

Scope

Mass Echelon II

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

Mass Echelon III

1000 kg to 1 mg
2500 lb to 0.001 lb
8 oz to 0.03125 oz

85 g to 2.0 g (Lottery Balls)

Weight Carts
5000 lb to 2000 lb

Volume Gravimetric, I

100 gal to 2 fl oz

Volume Transfer, II

120 L to 19 L
2000 gal to 5 gal

Volume Transfer, II LPG

100 gal to 20 gal

Length

Tapes Bench
200 ft to 1 ft

Rigid Rules
16 ft to 1 in (Bench)
24 in to 1 in (Rule)

Fabric Tapes

12 yd to 0.25 yd

Lottery Ball

5.5 cm to 3.5 cm

Time

Stopwatches
3 h

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

Effective Dates: 2025-02-01 to 2027-02-01

NOTE: This Scope does not cover calibrations at remote or field locations.