

# 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), documented measurement uncertainties, uses documented measurement procedures, successfully completed training and proficiency tests, documented calibration intervals, submitted a quality management system, and 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.



2023 to 2024

### Scope

#### Mass Echelon II

25 kg to 1 mg  
50 lb to 0.001 lb

#### 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

Bench  
200 ft to 1 ft  
Rigid Rules  
16 ft to 1 in  
Fabric Tapes  
12 yd to 0.25 yd  
Lottery Ball  
5.5 cm to 3.5 cm

#### Time

Stopwatches  
3 h

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

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

*Effective Dates: 2023-02-01 to 2025-02-01*

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