

# United States Department of Commerce

## National Institute of Standards and Technology

Certificate of Metrological Traceability For:

# New Jersey

his 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 III**

30 kg to 1 mg

1000 lb to 0.001 lb

8 oz to 0.03125 oz

#### **Wheel Load Weighers**

20 000 lb to 2500 lb

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

1500 gal to 5 gal

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

100 gal to 20 gal

#### **Length, Bench**

Steel Tapes

500 ft to 1 ft

#### **Rigid Rules**

192 in to 6 in

#### **Frequency**

Tuning Forks

≤ 7000 Hz

#### **Time**

Stopwatches

24 h to 1 h

2025

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

*Effective Dates: 2025-02-01 to 2026-01-31*