

# United States Department of Commerce

## National Institute of Standards and Technology

Certificate of Metrological Traceability For:

# Washington

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 I**

20 kg to 1 mg  
50 lb to 0.001 lb

#### **Mass Echelon II**

25 kg to 1 mg  
1000 lb to 0.001 lb  
4 oz to 0.03125 oz

#### **Mass Echelon III**

25 kg to 1 mg  
4000 lb to 0.001 lb  
84oz to 0.03125 oz

Weight Carts  
4000 lb to 3000 lb

#### **Volume Gravimetric, I**

5 gal

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

1000 gal to 5 gal

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

200 gal to 19 gal

#### **Time**

Stopwatches, Timers  
≤ 24 h



2022 to 2023

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

*Effective Dates: 2022-02-01 to 2024-02-01*