

# United States Department of Commerce

## National Institute of Standards and Technology

Certificate of Metrological Traceability For:

# Oklahoma

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.

### Scope

#### Mass Echelon I

30 kg to 1 mg

50 lb

25 lb

#### Mass Echelon II

1200 kg to 1 mg

2500 lb to 1  $\mu$ lb

#### Mass Echelon III

3000 kg to 1 mg

6000 lb to 0.001 lb

100 oz to 0.005 oz

20 oz t to 1 oz t

#### Weight Carts

5500 lb to 2000 lb

#### Volume Gravimetric, I

100 gal to 1 fl oz

#### Volume Transfer, II

375 gal to 5 gal



2020 to 2021

*Douglas A. Olson*

Douglas A. Olson, Chief  
NIST Office of Weights and Measures

Effective Dates: 2020-02-01 to 2022-02-01