

# United States Department of Commerce

## National Institute of Standards and Technology

### Certificate of Metrological Traceability For:

# Kansas

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 17025:2005.

#### *Scope*

**Mass Echelon I**

1 kg to 1 mg  
500 lb

**Mass Echelon II**

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

**Mass Echelon III**

500 kg to 10 mg  
3000 lb to 0.001 lb  
8 oz to 0.03125 oz

**Weight Carts**

8000 lb to 3000 lb

**Volume Gravimetric, I**

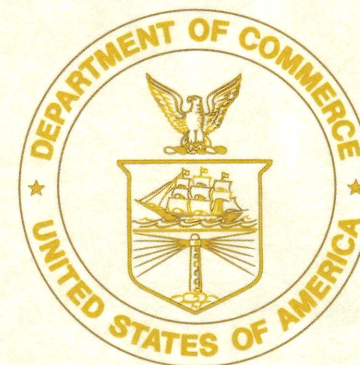
5 gal  
1 qt

**Volume Transfer, II**

1000 gal to 5 gal

**Volume Transfer, II LPG**

100 gal to 20 gal



2019

*Douglas A. Olson*

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

Effective Dates: 2019-01-01 to 2020-02-01