

United States Department of Commerce

National Institute of Standards and Technology

Certificate of Metrological Traceability For:

Vermont

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 III

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

Weight Carts

7000 lb to 1000 lb

Volume Transfer, II

200 gal to 5 gal

Volume Transfer, II LPG

100 gal to 25 gal

Hydrometers

(10 degrees to 0 degrees) Brix
(45 degrees to 35 degrees) Baume



2022 to 2023

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

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

NOTE: Amended on 2023-01-31 to increase range of Volume Transfer, II