



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Lakeshore Scale, Inc.
131 Coolidge Avenue, Suite #4
Holland, MI 49423

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

CALIBRATION

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

A handwritten signature in black ink, appearing to read 'R. Douglas Leonard Jr.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 26 March 2023

Certificate Number: AC-1157



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory
quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Lakeshore Scale, Inc.
 131 Coolidge Avenue, Suite #4
 Holland, MI 49423
 Ryan Feenstra
 616-494-9960

CALIBRATION

Valid to: **March 26, 2023**

Certificate Number: **AC-1157**

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Analytical Balances ¹ (0.1 mg resolution)	Up to 250 g	0.8 mg	ASTM Class 1 Weights
Precision Balances ¹ (0.01 g resolution) (0.1 g resolution)	Up to 6 kg Up to 12 kg	0.02 g 0.7 g	ASTM Class 1 Weights
Industrial Balances ¹ (1 g resolution)	Up to 40 kg	5 g	NIST Class F Weights
Scales ¹ (0.001 lb resolution) (0.005 lb resolution) (0.01 lb resolution) (0.05 lb resolution) (0.5 lb resolution) (10 lb resolution)	Up to 10 lb Up to 50 lb Up to 100 lb Up to 500 lb Up to 5 000 lb Up to 40 000 lb	0.002 lb 0.01 lb 0.02 lb 0.1 lb 1 lb 20 lb	NIST Class F Weights
Force Gauges ¹ (0.01 lb resolution) (0.1 lb resolution) (0.1 lb resolution) (0.1 lb resolution)	Up to 50 lb Up to 100 lb Up to 200 lb Up to 300 lb	0.02 lbf 0.2 lbf 0.2 lbf 0.2 lbf	NIST Class F Weights

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 ($k=2$), corresponding to a confidence level of approximately 95%.

Notes:

1. On-site calibration service is available for this parameter, since on-site conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected on-site than what is reported on the accredited scope.
2. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-1157.



R. Douglas Leonard Jr., VP, PILR SBU

