



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Q.A. Balance Services, Inc.

5213 South Tibet Street

Aurora, CO 80015

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 be 'J. Stine', is located on the left side of the certificate.

Jason Stine, Vice President

Expiry Date: 27 February 2027

Certificate Number: AC-1316



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

Q.A. Balance Services, Inc.

5213 South Tibet Street
Aurora, CO 80015
Nicolle Colvin 303-693-6419

CALIBRATION

Valid to: **February 27, 2027**

Certificate Number: **AC-1316**

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Class I Balances	(0 to 7) g (7 to 10) g (10 to 30) g (30 to 50) g (50 to 150) g (150 to 200) g (200 to 300) g (300 to 400) g (400 to 500) g	0.51 mg 0.51 mg 0.51 mg 0.51mg 0.51 mg 0.52 mg 0.58 mg 0.58 mg 0.58 mg	ASTM E617 Class 1 weights and NIST Handbook 44 utilized in the calibration of the weighing system.
Class II Balances	(0 to 100) g (100 to 200) g (200 to 500) g (500 to 1 000) g (1 to 2) kg (2 to 10) kg (10 to 15) kg (15 to 20) kg (20 to 30) kg	0.001 3 g 0.002 5 g 0.021 g 0.04 g 0.081 g 0.2 g 0.43 g 0.88 g 0.92 g	ASTM E617 Class 4 weights and NIST Handbook 44 utilized in the calibration of the weighing system.
Class III Light Capacity Scales	(0 to 5) lb (0 to 10) lb (0 to 25) lb (0 to 50) lb (0 to 100) lb (100 to 200) lb (200 to 500) lb	0.000 6 lb 0.001 2 lb 0.003 8 lb 0.008 3 lb 0.017 lb 0.034 lb 0.082 lb	NIST Handbook 105-1 Class F weights and NIST Handbook 44 utilized in the calibration of the weighing system.
	(0 to 25) kg (25 to 50) kg (50 to 100) kg (100 to 200) kg	5 g 5.1 g 5.2 g 5.7 g	ASTM E617 Class 4 weights and NIST Handbook 44 utilized in the calibration of the weighing system.

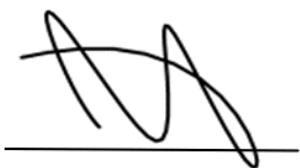
Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Class III Medium Capacity Scales	(> 500 to 1 000) lb	0.082 lb	NIST Handbook 105-1 Class F weights and NIST Handbook 44 utilized in the calibration of the weighing system.

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. The CMC for scales and balances is highly dependent upon the resolution of the unit under test. The CMC presented here does not include the resolution of the unit under test. The resolution will be included in the reported measurement uncertainty at the time of calibration.
3. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-1316.



Jason Stine, Vice President