



# 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](http://www.anab.org).

Jason Stine, Vice President

Expiry Date: 27 February 2025

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, 2025**

Certificate Number: **AC-1316**

#### Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Class I Balances (0.01 mg resolution) (0.02 mg resolution) (0.05 mg resolution) (0.1 mg resolution) (0.2 mg resolution) (0.5 mg resolution)	(0 to 100) g (0 to 100) g (0 to 100) g (0 to 200) g (0 to 200) g (0 to 200) g	0.50 mg 0.51 mg 0.51 mg 0.52 mg 0.55 mg 0.58 mg	ASTM E617 Class 1 Weights
Class II Balances (0.001 g resolution) (0.002 g resolution) (0.005 g resolution) (0.01 g resolution) (0.02 g resolution) (0.05 g resolution) (0.1 g resolution) (0.2 g resolution)	(0 to 100) g (0 to 200) g (0 to 500) g (0 to 1) kg (0 to 2) kg (0 to 5) kg (0 to 10) kg (0 to 20) kg	0.001 3 g 0.002 5 g 0.021 g 0.042 g 0.084 g 0.21 g 0.42 g 0.88 g	ASTM E617 Class 4 Weights
Class III Light Capacity Scales (0.000 5 lb resolution) (0.001 lb resolution) (0.002 lb resolution) (0.005 lb resolution) (0.01 lb resolution) (0.02 lb resolution)	(0 to 5) lb (0 to 10) lb (0 to 25) lb (0 to 50) lb (0 to 100) lb (0 to 200) lb	0.000 6 lb 0.001 2 lb 0.003 8 lb 0.008 3 lb 0.017 lb 0.033 lb	ASTM E617 Class 4 Weights  NIST Handbook 105-1 Class F Weights

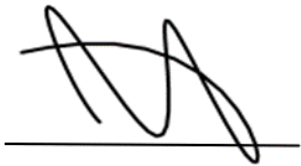
**Mass and Mass Related**

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Class III Medium Capacity Scales (0.05 lb resolution)	(0 to 500) lb	0.082 lb	NIST Handbook 105-1 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-1316.



Jason Stine, Vice President

