SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

ANALYTICAL & PRECISION BALANCE CO., INC.

www.apscales.com

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Accredited to ISO/IEC 17025:2017 *Effective Date October 29, 2020*

CALIBRATION AND MEASUREMENT CAPABILITY (CMC)*

MEASURED QUANTITY or DEVICE TYPE CALIBRATED	RANGE	UNCERTAINTY[1,2] (±)	CALIBRATION PROCEDURE AND/OR STANDARD EQUIPMENT USED
Mechanical			
Electronic and Mechanical Balances	Up to 210 g	0.08 mg	Class 1 weights
	210 g to 1200 g	1.8 mg	Class 1 weights
	1200 g to 5 kg	18 mg	Class 1 weights
	5 kg to 50 kg	0.2 g	Class 1 weights
	50 kg to 70 kg	0.22 g	Class 2 weights
	70 kg to 120 kg	3 g	Class 4 weights
	120 kg to 320 kg	32 g	Class F weights
Platform Scales	Up to 10,000 lb	4.2 lb	Class F weights

[1]The uncertainty covered by the Calibration and Measurement Capability (CMC) is expressed as the expanded uncertainty having a coverage probability of approximately 95 %. It is the smallest measurement uncertainty that a laboratory can achieve within its scope of accreditation when performing calibrations of a best existing device. The measurement uncertainty reported on a calibration certificate may be greater than that provided in the CMC due to the behavior of the calibration item and other factors that may contribute to the uncertainty of a specific calibration.

[2]When uncertainty is stated in relative terms (such as percent, a multiplier expressed as a decimal fraction or in scientific notation), it is in relation to instrument reading or instrument output, as appropriate, unless otherwise indicated.

** If information in this CMC is presented in non-SI units, the conversion factors stated in NIST Special Publication 811 "Guide for the Use of the International System of Units (SI)" apply.*