



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

mBar Technologies
11616 W. Fairlawn Ct.
Boise, ID 83709

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: 25 March 2023

Certificate Number: AC-2963



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

mBar Technologies, Inc

11616 W. Fairlawn Ct.
Boise, ID 83709
Todd Pack 208-794-8666
tpack@mbarinc.com

CALIBRATION

Valid to: **March 25, 2023**

Certificate Number: **AC-2963**

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Vacuum – Measuring Equipment	(0.1 to 1) Torr (10 to 100) Torr	1.3 % of reading 1.2 % of reading	MKS 120AA/146 Vacuum Gauge, Agilent 34401A
	(100 to 1000) Torr	1.3 % of reading	MKS 390HA/146 Vacuum Gauge, Agilent 34401A

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. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-2963.



R. Douglas Leonard Jr., VP, PILR SBU