SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

INTOXIMETERS, INC.
2081 Craig Road
St. Louis, MO 63146
Elijah Milan Phone: 314 429 4000

CALIBRATION

Valid To: March 31, 2027 Certificate Number: 3384.01

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the organization's compliance with R205 – A2LA's Calibration Program Requirements), accreditation is granted to this laboratory to perform the following calibrations[1, 4]:

I. Chemical

Parameter/Equipment	Range	CMC[2] (±)	Comments
Gas Detection Equipment – Ethanol Concentration	(0 to 0.099) g/210 L (0.100 to 0.500) g/210 L	0.002 g/210 L 1.6 % of reading	NIST traceable dry gas ethanol standards, g/210 L is by breath or international equivalent

II. Mechanical

Parameter/Equipment	Range	CMC[2, 3] (±)	Comments
Barometric Pressure – Measuring Equipment	(550 to 780) mmHg	0.58 % of reading	Comparative reference to NIST traceable reference barometer at ambient pressure (740 to 760) mmHg and low pressure (550 to 650) mmHg

[1] Commercial calibration service is sometimes available for this laboratory.

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[2] Calibration and Measurement Capability Uncertainty (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards or nearly ideal measuring equipment. CMCs represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of $k = 2$. The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.

[3] The type of instrument or material being calibrated is defined by the parameter. This indicates the laboratory is capable of calibrating instruments that measure or generate the values in the ranges indicated for the listed measurement parameter.

[4] This scope meets A2LA's *P112 Flexible Scope Policy*.

Accredited Laboratory

A2LA has accredited

INTOXIMETERS, INC.

St. Louis, MO

for technical competence in the field of

Calibration

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets R205 – Specific Requirements: Calibration Laboratory Accreditation Program. 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*).

Presented this 21st day of February 2025.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3384.01
Valid to March 31, 2027

For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.