



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

FTL Products, Inc.
2490 Midland Rd.
Bay City, MI 48706-9469

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: 14 June 2022

Certificate Number: AC-1459



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

FTL Products, Inc.
2490 Midland Rd.
Bay City, MI 48706-9469
Karen Ratajczak
989-686-6200

CALIBRATION

Valid to: **June 14, 2022**

Certificate Number: **AC-1459**

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Flow Rate Permeable Membrane Standard Leaks	(1.0 x 10 ⁻⁷ to 1.0 x 10 ⁻³) cc/sec	4.9 % of reading	Helium Mass Spectrometer Transpector 2 Gas Analysis System Automated Primary Calibration Standard #1
	(1.0 x 10 ⁻⁶ to 8.0 x 10 ⁻³) cc/sec	4 % of reading	Helium Mass Spectrometer Transpector 2 Gas Analysis System Automated Primary Calibration Standard #2
Flow Rate Helium Only	(1.0 x 10 ⁻¹⁰ to 1.0 x 10 ⁻⁵) cc/sec	1.6 % of reading	Automated Helium Mass Spectrometer Comparison System
Nitrogen or Dry Air Calibration Leak Standard Crimp Capillary	(10 to 1 000) cc/min	2.2 % of reading	Precision Flow Meter Comparison 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. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-1459.



R. Douglas Leonard Jr., VP, PILR SBU