



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:

Tier 5 Labs, LLC

5353 West Southern Ave, Indianapolis, IN 46241

(Hereinafter called the Organization) and hereby declares that Organization 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 (as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

Chemical Testing *(As detailed in the supplement)*

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

Tracy Szerszen
President

Initial Accreditation Date:

November 21, 2013

Issue Date:

November 17, 2022

Expiration Date:

November 17, 2024

Accreditation No.:

76514

Certificate No.:

L22-770

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjilabs.com



Certificate of Accreditation: Supplement

Tier 5 Labs, LLC

5353 West Southern Ave, Indianapolis, IN 46241

Contact Name: John Schoolcraft Phone: 317-248-0651

Accreditation is granted to the facility to perform the following testing:

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Chemical ^F	High Pressure and Cryogenic Gases	Gas Mixture Concentration	FTIR	10 µmol/mol to 499 000 µmol/mol (1.2 µmol/mol LoD)
			EPA Protocol 600/R-12/531, May 2012	
			Gas Chromatograph with DID	0.25 µmol/mol to 499 000 µmol/mol (0.063 µmol/mol LoD)
			EPA Protocol 600/R-12/531, May 2012	
	Gravimetric Balance	1 µmol/mol to 1 000 000 µmol/mol (0.3 µmol/mol LoD)		
			ISO 6142: 2015	
			Gas Chromatograph with Thermal Conductivity Detector	100 µmol/mol to 499 000 µmol/mol (50 µmol/mol LoD)
	Moisture	PPM Moisture in a balance gas	Cavity Ring-Down Spectroscopy	Up to 2 000 PPM Detection Limit TBD by MUB

1. The presence of a superscript F means that the laboratory performs calibration of the indicated parameter at its fixed location. Example: Outside Micrometer^F would mean that the laboratory performs this calibration at its fixed location.
2. This is the primary site for all quality management system activities.