



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Tier 5 Labs, LLC

1505 Frontenac Road, Naperville, IL 60563

(Hereinafter called the Organization) and hereby declares that Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2005

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 January 2009):

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/Operations Manager

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

Initial Accreditation Date:

November 21, 2013

Issue Date:

January 14, 2016

Expiration Date:

April 30, 2018

Accreditation No.:

76514

Certificate No.:

L16-19

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

1505 Frontenac Road, Naperville, IL 60563
Tom Badstubner Phone: 630-961-5229

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: 2001	

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.

