



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Global Calibration Gases, LLC
1090 Commerce Blvd. North, Sarasota, FL 34243

*(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:

March 01, 2011

Issue Date:

March 09, 2023

Expiration Date:

June 30, 2025

Accreditation No.:

69191

Certificate No.:

L23-200

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

Global Calibration Gases, LLC

1090 Commerce Blvd. North, Sarasota, FL 34243

Contact Name: Dale Hyler Phone: 941-722-7203

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	Trace Moisture Concentration	Electrolytic Hygrometer	0.000 01 % mol fraction to 0.05 % mol fraction (0.000 01 % mol fraction LoD)
		Trace Oxygen Concentration	Electrochemical Oxygen Analyzer	0.000 001 % mol fraction to 1 % mol fraction (0.000 001 % mol fraction LoD)
		Gas Mixture Concentration	Gas Chromatograph with Thermal Conductivity Detector	0.01 % mol fraction to 100 % mol fraction (0.01 % mol fraction LoD)
		Percent Oxygen Concentration	Paramagnetic Oxygen Analyzer	0.1 % mol fraction to 25 % mol fraction (0.1 % mol fraction LoD)
		Gas Mixture Concentration	Gravimetric Balance	01 % mol fraction to 1 00 % mol fraction (0.000 01 % mol fraction LoD)
		Trace Hydrogen Sulfide Concentration	Electrochemical Analyzer	0.000 01 % mol fraction to 0.1 % mol fraction (0.000 01 % mol fraction LoD)
		Percent Sulfur Dioxide Concentration	Non-Dispersive Infrared Analyzer	0.000 01 % mol fraction to 0.1 % mol fraction (0.000 01 % mol fraction LoD)
		Percent Nitric Oxide Concentration	Chemiluminescence Analyzer	0.000 01 % mol fraction to 0.2 % mol fraction (0.000 01 % mol fraction LoD)
		Percent Nitrogen Dioxide Concentration		0.000 01 % mol fraction to 0.01 % mol fraction (0.000 01 % mol fraction LoD)

1. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer ^F would mean that the laboratory performs this testing at its fixed location.