



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Chem Service, Inc.

660 Tower Lane, West Chester, PA 19381-0599

(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 April 2017):

Chemical Testing and Analysis *(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:

April 28, 2009

Issue Date:

May 8, 2018

Expiration Date:

July 31, 2020

Accreditation No.:

63520

Certificate No.:

L18-215

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

Chem Service, Inc.

660 Tower Lane, West Chester, PA 19381-0599
Mary Beth O'Donnell Phone: 610-692-3026

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 | Chemical Reference Standards Neat and Solution Forms | Analyte Identification and Concentration | <ul style="list-style-type: none"> • Gas Chromatography (GC/TCD, GC/FID, GC/ECD, GC/MSD) • High Performance Liquid Chromatography (HPLC) • Ultra Performance Liquid Chromatography (UPLC/MS) • Fourier Transform Infrared Spectroscopy (FT-IR) • Titration • Melting Point • Karl Fischer | Neat Purity +/- 0.5 % Solution Concentration +/- 2% |

- 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.