



Accredited Laboratory

A2LA has accredited

RJ LEE GROUP, INC.

Monroeville, PA

for technical competence in the field of

Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. 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).



Presented this 6th day of June 2023.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3985.01
Valid to December 31, 2024

For the tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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CHEMICAL

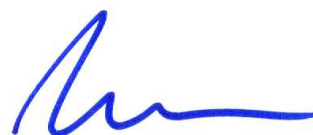
Valid To: December 31, 2024

Certificate Number: 3985.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this organization at the location listed above as well as the one satellite location listed below to perform the following tests on unknown materials of all types of solids and liquids including crystalline materials, water samples and waste extracts or digest, and sorbent media for air samples:

<u>Test:</u>	<u>Test Method(s):</u>
Identification of Unknown Materials	
Fourier Transform Infrared Spectroscopy (FTIR) X-ray Fluorescence Spectroscopy (XRF) X-ray Diffraction (XRD) Inductively Coupled Plasma-Atomic Emission Spectroscopy (ICP-AES) Inductively Coupled Plasma-Mass Spectroscopy (ICP-MS) Gas Chromatography-Mass Spectroscopy (GC/MS) Gas Chromatography-Electron Capture Detector (GC/ECD) Thermogravimetric Analysis (TGA)	RJLG Standard Operating Procedure, LAB.003 "Forensic Investigation of Unknown Materials of All Types of Solids and Liquids"
Anion Determination by Ion Chromatography (IC)	EPA 300.0; EPA 9056A; EPA 7199; RJLG Standard Operating Procedure, CHI.017 "Anion Determination by IC"; RJLG Standard Operating Procedure, CHI.039 "Determination of Hexavalent Chromium in Drinking Water, Groundwater, Industrial Wastewater Effluents, and Waste Materials by IC"
Analysis of Trace Metals by Inductively Coupled Plasma (ICP)	EPA 200.7; EPA 6010C; RJLG Standard Operating Procedure, CHI.010 "Analysis of Trace Metals by ICP-AES"

Test:	Test Method(s):
Analysis of Trace Metals by Inductively Coupled Plasma/Mass Spectrometry (ICP-MS)	EPA 200.8; EPA 6020A; RJLG Standard Operating Procedure, CHI.013 "Analysis of Trace Metals by ICP-MS"
Analysis of Air Samples, Liquid Samples and Solid Samples by Gas Chromatography/Mass Spectrometry (GC-MS)	RJLG Standard Operating Procedure, CHO.036 "Analysis of Air Samples, Liquid Samples, and Solid Samples by GCMS"
Determination of Orthorhombic Cyclooctasulfur in Gypsum Panel Product by Gas Chromatography-Electron Capture Detector (GC/ECD)	ASTM C471; RJLG Standard Operating Procedure, CHO.043 "Determination of Orthorhombic Cyclooctasulfur in Gypsum Panel Product by GC/ECD"
Analysis of Mercury by Cold Vapor Atomic Absorption (CVAA)	EPA 245.1; EPA7470A; EPA7471A; RJLG Standard Operating Procedure, CHI.003 "Analysis of Mercury by CVAA"
Determination of Selected Per- and Polyfluoroalkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry	EPA 537.1; EPA 533; RJLG Standard Operating Procedure, CHI.068 "Determination of Selected Per- and Polyfluoroalkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry"



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<u>Test:</u>	<u>Test Method(s):</u>
Identification of Unknown Materials	
Polarized Light Microscopy (PLM) Transmission Electron Microscopy (TEM) Scanning Electron Microscopy/Energy Dispersive X-ray Spectroscopy (SEM/EDS) Fourier Transform Infrared Spectroscopy (FTIR) Raman Spectroscopy	RJLG Standard Operating Procedure, LAB.003 "Forensic Investigation of Unknown Materials of All Types of Solids and Liquids"
Determination of Refractive Index and Optical Properties by Polarized Light Microscopy (PLM)	RJLG Standard Operating Procedure, OPT.010 "Determination of Optical Properties of Samples Using Polarized Light Microscopy and the Becke Line Method"

¹ This accreditation covers testing performed at all laboratory locations listed in this scope of accreditation.

