SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

MVA SCIENTIFIC CONSULTANTS, INC.
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CHEMICAL

Valid To: August 31, 2025 Certificate Number: 2096.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform materials analyses, characterizations, and failure investigation on building materials, particles, fibers, pharmaceuticals, coatings, chemicals, medical devices, adhesives, ceramics and related products, paints and pigments, polymer additives, lubricants, solvents, plastics, polymers and resins, rubbers and elastomers, textiles, paper and pulp products, electronic devices, glass, food products, cosmetic products, detergents and soaps, metals and other metal related products, soil, sand and clay, ores and minerals, asbestos, environmental samples, emission samples, dust, air samples, nanomaterials, composite materials, closures, packaging materials, machinery parts, automotive components, aerospace components, and fasteners using national and international recognized standard methods and internally developed methods for the test technologies listed below:

Test Technology	**Test Method(s)**
Asbestos Analysis	
Phase Contrast Microscopy (PCM)	NIOSH 7400
Polarized Light Microscopy (PLM)	EPA 600/R-93/116
Transmission Electron Microscopy (TEM)	ASTM D5755; EPA 600/R-93/116; EPA 600/4-83-043; NIOSH 7402;
Electron Microscopy	
Energy Dispersive X-ray Spectroscopy (EDS)	MVA SOP 222, 224, 226, 232, 316[1]
Scanning Electron Microscopy (SEM)	MVA SOP 203, 226, 237, 316[1], 318[1]; EPA Method 5[1]
Selected Area Electron Diffraction (SAED)	MVA SOP 222, 224
Transmission Electron Microscopy (TEM)	MVA SOP 222, 224, 232; ASTM D5755; EPA 600/R-93/116; EPA 600/4-83-043; NIOSH 7402;
Light Microscopy	
Brightfield / Darkfield Microscopy	MVA SOP 220, 234
Differential Interference Contrast Microscopy (DIC)	MVA SOP 234
Interference Microscopy (SWLIM)	MVA SOP 228
Phase Contrast Microscopy (PCM)	MVA SOP 214, 233; NIOSH 7400
Polarized Light Microscopy (PLM)	MVA SOP 207, 208, 212; EPA 600/R-93/116

Test Technology	Test Method(s)
Miscellaneous Analyses	
Dimensional Analysis	MVA SOP 203, 226, 237, 316, 318
Particle Size Analysis	MVA SOP 316, 318; EPA Method 5[1]
Spectroscopy	
Confocal Raman Spectroscopy	MVA SOP 225, 231
Fourier Transform Infrared Spectroscopy / Microspectroscopy (FTIR / Micro FTIR)	MVA SOP 223, 235

[1] Analysis of particulate samples collected using EPA Method 5; sample collection is not included in the scope.

Accredited Laboratory

A2LA has accredited

MVA SCIENTIFIC CONSULTANTS INC.

Duluth, GA

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 31st day of July 2023.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2096.01
Valid to August 31, 2025

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