The American Association for Laboratory Accreditation

World Class Accreditation

Accredited Laboratory

A2LA has accredited

SPECIALTY MINERALS, INC.

Easton, PA

for technical competence in the field of

Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *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 8 January 2009*).

Presented this 24th day of February 2009.

President & CEO
For the Accreditation Council
Certificate Number 1731.01
Valid to February 28, 2011

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

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SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

SPECIALTY MINERALS, INC.
640 North 13th Street
Easton, PA 18042
Patricia Kern 610 250 3380

CHEMICAL

Valid To: February 28, 2011 Certificate Number: 1731.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following Chemical tests on paper and papermaking compounds, lime and limestone, refractories, clay minerals, ceramics and related materials:

Testing Technology	Test	Test Method
Spectroscopy		
LECO	Percent Carbon in PCC and GCC	ASG-LEC-101
ICP-MS	Quantitative Elemental Analysis by ICP-MS	ASG-ICP-101
FTIR	Qualitative Analysis by FT-IR	ASG-ORGANIC-103
X-ray Diffraction	Identification of Crystalline Compounds by X-ray Diffraction	ASG-XRD-101
X-ray Fluorescence	Test Method for the Analysis of Lime by X-ray Fluorescence Spectrometry	ASG-XRF-101
	Test Method for the Analysis of Limestone and Synthetic Calcium Carbonate by X-ray Fluorescence Spectrometry	ASG-XRF-102
	Test Method for the Analysis of Silicate and Oxide Minerals by X-ray Fluorescence Spectroscopy	ASG-XRF-103
	Elemental Analysis of Barite Minerals by X-Ray Fluorescence Spectroscopy	ASG-XRF-105
Chromatography		
Ion Chromatography	Anion Analysis of Water and Aqueous Extracts	ASG-ION-101

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Testing Technology	Test	Test Method
Microscopy		
Light Microscopy	Light Optical Microscope Digital Image Collection – General Method	ASG-LOM-100
SEM	SEM Digital Imaging and X-ray Elemental Analysis	ASG-SEM-100
SEM	Morphology of Magnesium Stearate	ASG-SEM-105
FESEM	FESEM General Imaging with XEDS	ASG-FESEM-100
Wet Chemistry		
Gravimetric	Quantitative Loss on Ignition at 1000°C using CEM Quartz Fiber Crucibles	ASG-CWC-106
	Quantitative Loss on Drying	ASG-CWC-107
	Procedure for Free Acid Extractions	ASG-CWC-152
Thermal Analysis		
Simultaneous TGA/DTA	Standard Thermal Pattern by Simultaneous TGA-DTA Analysis on Powder Samples	ASG-THERMAL-101
Karl Fischer Water	Test Method for Water in Solid and Powder Samples by Coulometric Karl Fischer Titration with Vaporizer in the Range of 50-300°C	ASG-THERMAL-102
	Test Method for Water in Solid and Powder Samples by Coulometric Karl Fischer Titration with Vaporizer in the Range of 50-950°C	ASG-THERMAL-103