



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

INORGANIC VENTURES
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Christiansburg, VA 24073
Paul Gaines Phone: 540-585-3030

CHEMICAL

Valid To: July 31, 2014

Certificate Number: 0883.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on reference materials:

<u>Test</u>	<u>Test Method(s)</u>
<u>Spectroscopy</u>	
Elements by Optical Emission Inductively Coupled Plasma Spectroscopy	EPA Method 200.7 – Modified Standards Methods 3120 – Modified
Elements by Inductively Coupled Plasma-Mass Spectrometry	EPA Method 200.8 – Modified
<u>Chromatography</u>	
Ions by Ion Chromatography	EPA Method 300.0 – Modified Standard Methods 4110 – Modified
<u>Electrometric</u>	
pH by Potentiometry	Standard Methods 4500 – H ⁺
Conductance	Standard Methods 2510B
<u>Gravimetric Methods</u>	
Filterable, Non-Filterable, and Total Residue	Standard Methods 2540C, 2540D, 2540B
Oil and Grease, Total Recoverable	Standard Methods 5520B
“Sulfate Gravvs”	Standard Methods 4500-SO4-C-Modified In-House Method WI-QC-22

<u>Test</u>	<u>Test Method(s)</u>
Density	In-House Methods WI-QC-36
<u>Titrimetric Methods</u>	
EDTA – Multiple Metals	Standard Methods 3500-CA D Modified In-House Method WI-QC-21
Argentometric (Volhard)	Standard Methods 4500-Cl-B Modified In-House Method WI-QC-29
Acid / Base	In-House Method WI-QC-28
Redox (Cr ⁺⁶)	In-House Method WI-QC-37
Iodometric	Standard Methods 4500-Cl-B Modified In-House WI-QC-32
Potentiometric	In-House Method WI-QC-33
Cyanide	Standard Methods 4500-CN D Modified In-House method- QC Manual Appendix A, Revised EPA Methods
<u>Colorimetric Methods</u>	
Colorimetric (Cr ⁺⁶)	Standard Methods 3500-Cr D Modified



World Class Accreditation

The American Association for Laboratory Accreditation

Accredited Laboratory

A2LA has accredited

INORGANIC VENTURES, INC.

Christiansburg, VA

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 19th day of July 2012.



A handwritten signature in black ink, appearing to read "Peter Abaya".

President & CEO
For the Accreditation Council
Certificate Number 883.01
Valid to July 31, 2014

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