



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

INORGANIC VENTURES  
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Christiansburg, VA 24073  
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CHEMICAL

Valid To: July 31, 2016

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 In-House Method WI-QC-17
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 In-House Method WI-QC-32
<u>Electrometric</u>	
pH by Potentiometry	Standard Methods 4500 – H <sup>+</sup> In-House Method WI-QC-AppendixA_pH
Conductance	Standard Methods 2510B In-House Method WI-QC_AppendixA_Conductance
<u>Gravimetric Methods</u>	
Filterable, Non-Filterable, and Total Residue	Standard Methods 2540C, 2540D, 2540B In-House Method WI-QC Appendix_A_Filterable_Non_Filterable Solids_Revised_Standard Methods 2540 C_D In-House Method WI-QC Appendix A_Total Solids_Revised_Standard Methods 2540 B

**Test**

**Test Method(s)**

Oil and Grease, Total Recoverable

Standard Methods 5520B  
In-House Method WI-QC-Appendix A\_O\_G\_Acetone  
In-House Method WI-QC-Appendix A\_O\_G\_Water

“Sulfate Gravels”

Standard Methods 4500-SO4-C – Modified  
In-House Method WI-QC-22

Density

In-House Methods SOP-LAB-2

**Titrimetric Methods**

EDTA – Multiple Metals

Standard Methods 3500-CA B – 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<sup>+6</sup>)

In-House Method WI-QC-37

Iodometric

Standard Methods 4500 Cl B – Modified  
In-House WI-QC-32-35

Potentiometric

In-House Method WI-QC-33, WI-QC-46

Cyanide

Standard Methods 4500-CN D – Modified  
In-House method WI-QC\_Appendix A\_CN  
Argentometric Titration

Total Alkalinity

Standard Methods 2320 B – Modified  
In-House Method WI-QC-Appendix A\_ Alkalinity

Chemical Oxygen Demand

Standard Methods 5220 C – Modified  
EPA Method 410.3 – Modified  
In-House Method WI-QC-Appendix A\_Demand\_COD

**Colorimetric Methods**

Colorimetric (Cr<sup>+6</sup>)

Standard Methods 3500-Cr B – Modified  
In-House Method WI-QC-38

**Other**

Hardness

EPA Method 200.7 – Modified  
Standard Methods 2340 B  
In-House Method WI-QC-Appendix A\_Hardness



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 30<sup>th</sup> day of September 2014.



A handwritten signature in black ink, reading "Peter Meyer", is written over a horizontal line.

President & CEO  
For the Accreditation Council  
Certificate Number 883.01  
Valid to July 31, 2016

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