



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

INORGANIC VENTURES  
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Christiansburg, VA 24073  
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CHEMICAL

Valid To: July 31, 2020

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:

**Test**

**Test Method(s)**

Spectroscopy

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

Chromatography

Ions by Ion Chromatography

EPA Method 300.0 – Modified  
Standard Methods 4110 – Modified  
In-House Method WI-QC-32

Electrometric

pH by Potentiometry

Standard Methods 4500 – H<sup>+</sup> – Modified  
In-House Method WI-QC-AppendixA\_pH

Conductance

Standard Methods 2510B – Modified  
In-House Method WI-QC\_AppendixA\_Conductance

Gravimetric Methods

Filterable, Non-Filterable, and Total Residue

Standard Methods 2540C, 2540D, 2540B – Modified  
In-House Method WI-QC Appendix A\_Solids

**Test**

Oil and Grease, Total Recoverable

“Sulfate Gravels”

Density

**Titrimetric Methods**

EDTA – Multiple Metals

Argentometric (Volhard)

Acid / Base

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

Iodometric

Potentiometric

Cyanide

Total Alkalinity

Chemical Oxygen Demand

Total Residual Chlorine

Fajans Titration

**Colorimetric Methods**

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

**Other**

Hardness

**Test Method(s)**

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

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

In-House Methods SOP-LAB-2

Standard Methods 3500-CA B – Modified  
In-House Method WI-QC-21

Standard Methods 4500-Cl B – Modified  
In-House Method WI-QC-29

In-House Method WI-QC-28

In-House Method WI-QC-37

Standard Methods 4500 Cl B – Modified  
In-House WI-QC-32-35, In-House WI-QC-47

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

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

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

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

Standard Methods 4500-ClF – Modified  
In-House Method WI-QC-Appendix A-TRC

In-House Method WI-QC-48

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

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





## *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 17025:2017 *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 17<sup>th</sup> day of September 2018.

A handwritten signature in black ink, appearing to read "L. L. L.", positioned above a horizontal line.

President & CEO  
For the Accreditation Council  
Certificate Number 883.01  
Valid to July 31, 2020

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