



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board
5300 W. Cypress Street, Suite 180, Tampa, FL 33607, 813-443-0517

This is to certify that

US EPA Region 4
Science and Ecosystem Support Division
980 College Road
Athens, GA 30605

has been assessed by ANAB
and meets the requirements of international standard

ISO/IEC 17025:2005

while demonstrating technical competence in the field(s) of

FORENSIC TESTING

Refer to the accompanying Scope(s) of Accreditation for information regarding the types of tests to which this accreditation applies.

AT-1644

Certificate Number

ANAB Approval

Certificate Valid: 06/08/2016-06/08/2020
Version No. 004 Issued: 07/20/2016



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



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

**US EPA Region 4
Science and Ecosystem Support Division**

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Forensic Testing

Valid to: June 08, 2020 Certificate Number: AT-1644

1.0 Materials Examined

Category	Sub Category	Analytical Technique/Measurement Principle (See 2.0)
1.1 Chemistry	1.1.1 General Chemistry	2.1.1, 2.1.2, 2.1.3, 2.1.4, 2.1.5, 2.1.6, 2.1.7, 2.1.8, 2.1.9, 2.1.10, 2.1.11, 2.1.12, 2.1.13, 2.1.14
	1.1.2 Molecular Analysis	2.2.1, 2.2.2, 2.2.3, 2.2.4
	1.1.3 Elemental Analysis	2.3.1, 2.3.2, 2.3.3, 2.3.4
1.2 Field Operations	1.2.1 Field Procedures	2.4.1, 2.4.2, 2.4.3
1.3 Biology	1.3.1 External Morphology	2.5.1



2.0 Analytical Technique/Measurement Principle

2.1 General Chemistry

- 2.1.1 Titration
- 2.1.2 Potentiometry
- 2.1.3 Ignitability
- 2.1.4 Dissolved Oxygen
- 2.1.5 Combustion
- 2.1.6 Colorimetry
- 2.1.7 Spectrophotometry
- 2.1.8 Turbidity
- 2.1.9 Fluorometry
- 2.1.10 Conductivity
- 2.1.11 Leachates
- 2.1.12 Oxidation-Reduction Potential (ORP)
- 2.1.13 Physical measurements
- 2.1.14 General Laboratory Procedures

2.2 Molecular Analysis

- 2.2.1 Gas Chromatography
- 2.2.2 Liquid Chromatography
- 2.2.3 Ion Chromatography
- 2.2.4 Mass Spectrometry
 - 2.2.4.1 GC/MS
 - 2.2.4.2 LC/MS/MS
 - 2.2.4.3 GC/MS/MS

2.3 Elemental Analysis

- 2.3.1 Atomic Absorption Spectrometry
- 2.3.2 Atomic Fluorescence Spectrometry
- 2.3.3 Inductively Coupled Plasma Mass Spectrometry
- 2.3.4 Inductively Coupled Plasma Optical Emission Spectrometry

2.4 Field Procedures

- 2.4.1 Field Sampling and Collection
- 2.4.2 Field Observations and Documentation
- 2.4.3 General Field Techniques

2.5 External Morphology

- 2.5.1 Optical Microscopy