

State of Utah

Department of Health

Environmental Laboratory Certification Program

Certification is hereby granted to

SVL Analytical, Inc.

One Government Gulch
Kellogg, ID 83637

*Has conformed with the
2009 TNI Standard*

*Scope of accreditation is limited to the
State of Utah accredited fields that accompany
this Certificate*

EPA Number: ID00019

Expiration Date: 6/30/2018

Certificate Number: ID000192017-3



Robyn M. Atkinson, Ph.D, HCLD
Director, Utah Public Health Laboratory



Continued accredited status depends on successful ongoing participation in the program.



State of Utah
 Gary R. Herbert
Governor
 Spencer J. Cox
Lieutenant Governor

Utah Department of Health

Dr. Joseph K. Miner
Executive Director

Division of Disease Control and Prevention

Robyn M. Atkinson, Ph.D, HCLD
Director, Utah Public Health Laboratory



EPA Number: ID00019

Attachment to Certificate Number: ID000192017-3

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SVL Analytical, Inc.

Start Date Expires AB

Program/Matrix: CWA (Non Potable Water)

Method ASTM D1576-08

Nitrogen 07/01/17 06/30/18 UT

Method ASTM D7237-10

Free cyanide 07/01/17 06/30/18 UT

Method EPA 120.1

Conductivity 07/01/17 06/30/18 UT

Method EPA 180.1

Turbidity 07/01/17 06/30/18 UT

Method EPA 200.7

Aluminum 07/01/17 06/30/18 UT

Antimony 07/01/17 06/30/18 UT

Arsenic 07/01/17 06/30/18 UT

Barium 07/01/17 06/30/18 UT

Beryllium 07/01/17 06/30/18 UT

Bismuth 07/01/17 06/30/18 UT

Boron 07/01/17 06/30/18 UT

Cadmium 07/01/17 06/30/18 UT

Calcium 07/01/17 06/30/18 UT

Calcium hardness as CaCO3 07/01/17 06/30/18 UT

Chromium 07/01/17 06/30/18 UT

Cobalt 07/01/17 06/30/18 UT

Copper 07/01/17 06/30/18 UT

Gallium 07/01/17 06/30/18 UT

Iron 07/01/17 06/30/18 UT

Lead 07/01/17 06/30/18 UT

Lithium 07/01/17 06/30/18 UT

Magnesium 07/01/17 06/30/18 UT

Manganese 07/01/17 06/30/18 UT

Molybdenum 07/01/17 06/30/18 UT

Nickel 07/01/17 06/30/18 UT

Phosphorus, total 07/01/17 06/30/18 UT

Potassium 07/01/17 06/30/18 UT

Scandium 07/01/17 06/30/18 UT

Selenium 07/01/17 06/30/18 UT

Silica as SiO2 07/01/17 06/30/18 UT



SVL Analytical, Inc.

	Start Date	Expires	AB
Program/Matrix: CWA (Non Potable Water)			
Silver	07/01/17	06/30/18	UT
Sodium	07/01/17	06/30/18	UT
Strontium	07/01/17	06/30/18	UT
Thallium	07/01/17	06/30/18	UT
Tin	07/01/17	06/30/18	UT
Titanium	07/01/17	06/30/18	UT
Total hardness as CaCO3	07/01/17	06/30/18	UT
Vanadium	07/01/17	06/30/18	UT
Zinc	07/01/17	06/30/18	UT
Method EPA 200.8			
Aluminum	07/01/17	06/30/18	UT
Antimony	07/01/17	06/30/18	UT
Arsenic	07/01/17	06/30/18	UT
Barium	07/01/17	06/30/18	UT
Beryllium	07/01/17	06/30/18	UT
Cadmium	07/01/17	06/30/18	UT
Chromium	07/01/17	06/30/18	UT
Cobalt	07/01/17	06/30/18	UT
Copper	07/01/17	06/30/18	UT
Gold	07/01/17	06/30/18	UT
Iron	07/01/17	06/30/18	UT
Lead	07/01/17	06/30/18	UT
Magnesium	07/01/17	06/30/18	UT
Manganese	07/01/17	06/30/18	UT
Molybdenum	07/01/17	06/30/18	UT
Nickel	07/01/17	06/30/18	UT
Selenium	07/01/17	06/30/18	UT
Silver	07/01/17	06/30/18	UT
Thallium	07/01/17	06/30/18	UT
Uranium	07/01/17	06/30/18	UT
Uranium Total (mass)	07/01/17	06/30/18	UT
Vanadium	07/01/17	06/30/18	UT
Zinc	07/01/17	06/30/18	UT
Method EPA 245.1			
Mercury	07/01/17	06/30/18	UT
Method EPA 300.0			
Bromide	07/01/17	06/30/18	UT
Chloride	07/01/17	06/30/18	UT
Fluoride	07/01/17	06/30/18	UT
Nitrate as N	07/01/17	06/30/18	UT
Nitrate-nitrite	07/01/17	06/30/18	UT
Nitrite as N	07/01/17	06/30/18	UT
Sulfate	07/01/17	06/30/18	UT
Method EPA 335.4			
Total cyanide	07/01/17	06/30/18	UT
Method EPA 350.1			

SVL Analytical, Inc.

	Start Date	Expires	AB
Program/Matrix: CWA (Non Potable Water)			
Ammonia as N	07/01/17	06/30/18	UT
Method EPA 351.2			
Kjeldahl Nitrogen (Total Kjeldahl Nitrogen-TKN)	07/01/17	06/30/18	UT
Method EPA 353.2			
Nitrate-nitrite	07/01/17	06/30/18	UT
Method EPA 410.4			
Chemical oxygen demand	07/01/17	06/30/18	UT
Method Kelada 01			
Total cyanide	07/01/17	06/30/18	UT
Method SM 2120 B-2011			
Color	07/01/17	06/30/18	UT
Method SM 2310 B-2011			
Acidity, as CaCO ₃	07/01/17	06/30/18	UT
Method SM 2320 B-2011			
Alkalinity as CaCO ₃	07/01/17	06/30/18	UT
Method SM 2330 B-1993			
Corrosivity (langlier index)	07/01/17	06/30/18	UT
Method SM 2340 B-2011			
Total hardness as CaCO ₃	07/01/17	06/30/18	UT
Method SM 2510 B-2011			
Conductivity	07/01/17	06/30/18	UT
Method SM 2540 B-2011			
Residue-total	07/01/17	06/30/18	UT
Method SM 2540 C-2011			
Residue-filterable (TDS)	07/01/17	06/30/18	UT
Method SM 2540 D-2011			
Residue-nonfilterable (TSS)	07/01/17	06/30/18	UT
Method SM 2540 E-2011			
Residue-volatile	07/01/17	06/30/18	UT
Method SM 3500-Cr B-2011			
Chromium VI	07/01/17	06/30/18	UT
Method SM 4500-H+ B-2011			
pH	07/01/17	06/30/18	UT
Method SM 4500-P E-2011			
Orthophosphate as P	07/01/17	06/30/18	UT
Phosphorus, total	07/01/17	06/30/18	UT
Method SM 4500-S₂⁻ F-2011			
Sulfide	07/01/17	06/30/18	UT
Method SM 5310 B-2011			
Dissolved organic carbon (DOC)	07/01/17	06/30/18	UT
Total organic carbon	07/01/17	06/30/18	UT
Method SM 5540 C			
Surfactants - MBAS	07/01/17	06/30/18	UT

SVL Analytical, Inc.

Start Date Expires AB

Program/Matrix: CWA (Non Potable Water)

Method SVL 4029

Specific Gravity

07/01/17 06/30/18 UT

Method SVL 4142

Arsenic (III)

07/01/17 06/30/18 UT

Arsenic (V)

07/01/17 06/30/18 UT

SVL Analytical, Inc.

Start Date	Expires	AB
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Program/Matrix: CWA (Solid & Hazardous Material)**Method EPA 300.0**

Bromide	07/01/17	06/30/18	UT
Chloride	07/01/17	06/30/18	UT
Fluoride	07/01/17	06/30/18	UT
Nitrate as N	07/01/17	06/30/18	UT
Nitrite as N	07/01/17	06/30/18	UT
Sulfate	07/01/17	06/30/18	UT

SVL Analytical, Inc.

Start Date Expires AB

Program/Matrix: RCRA (Non Potable Water)**Method EPA 1010A**

Ignitability	07/01/17	06/30/18	UT
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Method EPA 6010D

Aluminum	07/01/17	06/30/18	UT
Antimony	07/01/17	06/30/18	UT
Arsenic	07/01/17	06/30/18	UT
Barium	07/01/17	06/30/18	UT
Beryllium	07/01/17	06/30/18	UT
Boron	07/01/17	06/30/18	UT
Cadmium	07/01/17	06/30/18	UT
Calcium	07/01/17	06/30/18	UT
Chromium	07/01/17	06/30/18	UT
Cobalt	07/01/17	06/30/18	UT
Copper	07/01/17	06/30/18	UT
Iron	07/01/17	06/30/18	UT
Lead	07/01/17	06/30/18	UT
Lithium	07/01/17	06/30/18	UT
Magnesium	07/01/17	06/30/18	UT
Manganese	07/01/17	06/30/18	UT
Molybdenum	07/01/17	06/30/18	UT
Nickel	07/01/17	06/30/18	UT
Potassium	07/01/17	06/30/18	UT
Selenium	07/01/17	06/30/18	UT
Silicon	07/01/17	06/30/18	UT
Silver	07/01/17	06/30/18	UT
Sodium	07/01/17	06/30/18	UT
Thallium	07/01/17	06/30/18	UT
Tin	07/01/17	06/30/18	UT
Titanium	07/01/17	06/30/18	UT
Vanadium	07/01/17	06/30/18	UT
Zinc	07/01/17	06/30/18	UT

Method EPA 6020B

Antimony	07/01/17	06/30/18	UT
Arsenic	07/01/17	06/30/18	UT
Barium	07/01/17	06/30/18	UT
Beryllium	07/01/17	06/30/18	UT
Cadmium	07/01/17	06/30/18	UT
Chromium	07/01/17	06/30/18	UT
Copper	07/01/17	06/30/18	UT
Lead	07/01/17	06/30/18	UT
Manganese	07/01/17	06/30/18	UT
Molybdenum	07/01/17	06/30/18	UT
Nickel	07/01/17	06/30/18	UT
Selenium	07/01/17	06/30/18	UT
Silver	07/01/17	06/30/18	UT
Thallium	07/01/17	06/30/18	UT
Vanadium	07/01/17	06/30/18	UT

SVL Analytical, Inc.

Start Date Expires AB**Program/Matrix: RCRA (Non Potable Water)**

Zinc	07/01/17	06/30/18	UT
Method EPA 7470A			
Mercury	07/01/17	06/30/18	UT
Method EPA/600/2-78/054 Sec 3.2.2 Paste pH			
pH	07/01/17	06/30/18	UT
Method SM 4500-CN⁻ I-2011			
Weak Acid Dissociable Cyanide	07/01/17	06/30/18	UT
Method SVL 4061			
Acid Neutriliing Potential	07/01/17	06/30/18	UT

SVL Analytical, Inc.

Start Date Expires AB

Program/Matrix: RCRA (Solid & Hazardous Material)**Method ASTM E1915-11**

Sulfur	07/01/17	06/30/18	UT
Total Carbon	07/01/17	06/30/18	UT

Method ASTM E2242-13

Meteoritic water mobility procedure	07/01/17	06/30/18	UT
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Method CA Waste Extraction Test (WET)

Preparation/Extraction	07/01/17	06/30/18	UT
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Method EPA 1010A

Ignitability	07/01/17	06/30/18	UT
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Method EPA 1311

Toxicity Characteristic Leaching Procedure (TCLP)	07/01/17	06/30/18	UT
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Method EPA 1312 Synthetic Precipitation Leaching Procedure

Synthetic Precipitation Leaching Procedure (SPLP)	07/01/17	06/30/18	UT
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Method EPA 351.2

Kjeldahl Nitrogen (Total Kjeldahl Nitrogen-TKN)	07/01/17	06/30/18	UT
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Method EPA 6010D

Aluminum	07/01/17	06/30/18	UT
Antimony	07/01/17	06/30/18	UT
Arsenic	07/01/17	06/30/18	UT
Barium	07/01/17	06/30/18	UT
Beryllium	07/01/17	06/30/18	UT
Boron	07/01/17	06/30/18	UT
Cadmium	07/01/17	06/30/18	UT
Calcium	07/01/17	06/30/18	UT
Chromium	07/01/17	06/30/18	UT
Cobalt	07/01/17	06/30/18	UT
Copper	07/01/17	06/30/18	UT
Iron	07/01/17	06/30/18	UT
Lead	07/01/17	06/30/18	UT
Lithium	07/01/17	06/30/18	UT
Magnesium	07/01/17	06/30/18	UT
Manganese	07/01/17	06/30/18	UT
Molybdenum	07/01/17	06/30/18	UT
Nickel	07/01/17	06/30/18	UT
Phosphorus, total	07/01/17	06/30/18	UT
Potassium	07/01/17	06/30/18	UT
Selenium	07/01/17	06/30/18	UT
Silver	07/01/17	06/30/18	UT
Sodium	07/01/17	06/30/18	UT
Strontium	07/01/17	06/30/18	UT
Thallium	07/01/17	06/30/18	UT
Tin	07/01/17	06/30/18	UT
Titanium	07/01/17	06/30/18	UT
Vanadium	07/01/17	06/30/18	UT
Zinc	07/01/17	06/30/18	UT

SVL Analytical, Inc.

Start Date Expires AB

Program/Matrix: RCRA (Solid & Hazardous Material)**Method EPA 6020B**

Antimony	07/01/17	06/30/18	UT
Arsenic	07/01/17	06/30/18	UT
Barium	07/01/17	06/30/18	UT
Beryllium	07/01/17	06/30/18	UT
Cadmium	07/01/17	06/30/18	UT
Chromium	07/01/17	06/30/18	UT
Cobalt	07/01/17	06/30/18	UT
Copper	07/01/17	06/30/18	UT
Lead	07/01/17	06/30/18	UT
Manganese	07/01/17	06/30/18	UT
Molybdenum	07/01/17	06/30/18	UT
Nickel	07/01/17	06/30/18	UT
Selenium	07/01/17	06/30/18	UT
Silver	07/01/17	06/30/18	UT
Thallium	07/01/17	06/30/18	UT
Vanadium	07/01/17	06/30/18	UT
Zinc	07/01/17	06/30/18	UT

Method EPA 7471B

Mercury	07/01/17	06/30/18	UT
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Method EPA 9012B

Total cyanide	07/01/17	06/30/18	UT
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Method EPA 9045D

pH	07/01/17	06/30/18	UT
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Method SM 4500-CN⁻ I-2011

Weak Acid Dissociable Cyanide	07/01/17	06/30/18	UT
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Method SVL 4060

Loss On Ignition (LOI)	07/01/17	06/30/18	UT
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Method SVL 4061

Sulfur	07/01/17	06/30/18	UT
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Method SVL 4123

Percent Silica	07/01/17	06/30/18	UT
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Method SVL 4125

Chromium VI	07/01/17	06/30/18	UT
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Method SVL 4130

Net Acid Generation	07/01/17	06/30/18	UT
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Method SVL 4131

Free cyanide	07/01/17	06/30/18	UT
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Method SVL 4139

Total organic carbon	07/01/17	06/30/18	UT
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Method TKN plus Total Nitrate-nitrite

Total Nitrogen	07/01/17	06/30/18	UT
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SVL Analytical, Inc.

Start Date Expires AB

Program/Matrix: SDWA (Potable Water)**Method EPA 180.1**

Turbidity 07/01/17 06/30/18 UT

Method EPA 200.7

Aluminum 07/01/17 06/30/18 UT

Barium 07/01/17 06/30/18 UT

Boron 07/01/17 06/30/18 UT

Cadmium 07/01/17 06/30/18 UT

Calcium 07/01/17 06/30/18 UT

Chromium 07/01/17 06/30/18 UT

Copper 07/01/17 06/30/18 UT

Iron 07/01/17 06/30/18 UT

Magnesium 07/01/17 06/30/18 UT

Manganese 07/01/17 06/30/18 UT

Molybdenum 07/01/17 06/30/18 UT

Nickel 07/01/17 06/30/18 UT

Silica as SiO₂ 07/01/17 06/30/18 UT

Silver 07/01/17 06/30/18 UT

Sodium 07/01/17 06/30/18 UT

Total hardness as CaCO₃ 07/01/17 06/30/18 UT

Vanadium 07/01/17 06/30/18 UT

Zinc 07/01/17 06/30/18 UT

Method EPA 200.8

Antimony 07/01/17 06/30/18 UT

Arsenic 07/01/17 06/30/18 UT

Barium 07/01/17 06/30/18 UT

Beryllium 07/01/17 06/30/18 UT

Cadmium 07/01/17 06/30/18 UT

Chromium 07/01/17 06/30/18 UT

Copper 07/01/17 06/30/18 UT

Lead 07/01/17 06/30/18 UT

Manganese 07/01/17 06/30/18 UT

Molybdenum 07/01/17 06/30/18 UT

Nickel 07/01/17 06/30/18 UT

Selenium 07/01/17 06/30/18 UT

Silver 07/01/17 06/30/18 UT

Thallium 07/01/17 06/30/18 UT

Vanadium 07/01/17 06/30/18 UT

Zinc 07/01/17 06/30/18 UT

Method EPA 245.1

Mercury 07/01/17 06/30/18 UT

Method EPA 300.0

Bromide 07/01/17 06/30/18 UT

Chloride 07/01/17 06/30/18 UT

Fluoride 07/01/17 06/30/18 UT

Nitrate as N 07/01/17 06/30/18 UT

Nitrate-nitrite 07/01/17 06/30/18 UT

SVL Analytical, Inc.

	Start Date	Expires	AB
Program/Matrix: SDWA (Potable Water)			
Nitrite as N	07/01/17	06/30/18	UT
Sulfate	07/01/17	06/30/18	UT
Method EPA 335.4			
Total cyanide	07/01/17	06/30/18	UT
Method EPA 353.2			
Nitrate-nitrite	07/01/17	06/30/18	UT
Method Kelada 01			
Total cyanide	07/01/17	06/30/18	UT
Method SM 2120 B-2011			
Color	07/01/17	06/30/18	UT
Method SM 2150 B-1997			
Odor	07/01/17	06/30/18	UT
Method SM 2320 B-2011			
Alkalinity as CaCO ₃	07/01/17	06/30/18	UT
Method SM 2330 B-1993			
Corrosivity (langlier index)	07/01/17	06/30/18	UT
Method SM 2340 B-2011			
Total hardness as CaCO ₃	07/01/17	06/30/18	UT
Method SM 2510 B-2011			
Conductivity	07/01/17	06/30/18	UT
Method SM 2540 C-2011			
Residue-filterable (TDS)	07/01/17	06/30/18	UT
Method SM 4500-H+ B-2011			
pH	07/01/17	06/30/18	UT
Method SM 4500-P E-1999			
Orthophosphate as P	07/01/17	06/30/18	UT
Method SM 5310 B			
Dissolved organic carbon (DOC)	07/01/17	06/30/18	UT
Total organic carbon	07/01/17	06/30/18	UT
Method SM 5540 C			
Surfactants - MBAS	07/01/17	06/30/18	UT

The Utah Environmental Laboratory Certification Program (ELCP) encourages clients and data users to verify the most current certification letter for the authorized method.

The analytes by method which a laboratory is authorized to perform at any given time will be those indicated in the most recent certificate letter. The most recent certification letter supersedes all previous certification or authorization letters. It is the certified laboratory's responsibility to review this letter for discrepancies. The certified laboratory must document any discrepancies in this letter and send notice to this bureau within 15 days of receipt. This certificate letter will be recalled in the event your laboratory's certification is revoked.