

The State of  
Department



Washington  
of Ecology

This is to certify that

**ACZ Laboratories, Inc.**  
**Steamboat Springs, CO**

has complied with provisions set forth in Chapter 173-50 WAC and is hereby recognized by the Department of Ecology as an ACCREDITED LABORATORY for the analytical parameters listed on the accompanying Scope of Accreditation. This certificate is effective July 25, 2009, and shall expire July 24, 2010.

Witnessed under my hand on July 22, 2009.

Stewart M. Lombard

Lab Accreditation Unit Supervisor

Laboratory ID  
**C1240**

## Scope of Accreditation

### ACZ Laboratories, Inc.

#### Steamboat Springs, CO

is accredited by the State of Washington Department of Ecology to perform analyses for the parameters listed below using the analytical methods indicated. This Scope of Accreditation may apply to any of the following matrix types: non-potable water, drinking water, solid and chemical materials, and air and emissions. Accreditation for all parameters is final unless indicated otherwise in a note. Accreditation is for the latest version of a method unless otherwise specified in a note. EPA refers to the U.S. Environmental Protection Agency. SM refers to American Public Health Association's publication, Standard Methods for the Examination of Water and Wastewater, 18th, 19th or 20th Edition, unless otherwise noted. ASTM stands for the American Society for Testing and Materials. PSEP stands for Puget Sound Estuary Program. Other references are detailed in the notes section.

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Matrix Type/Parameter Name	Reference	Method Number	Notes
<b>Drinking Water</b>			
Uranium	EPA	200.8	1
Alpha, Gross	EPA	900.0	1
Beta, Gross	EPA	900.0	1
Radium 226	EPA	903.1	1
Radium 228	EPA	904.0	1
<b>Non-potable Water</b>			
Acidity	SM	2310 B	1
Alkalinity, Total	SM	2320 B	1
Ammonia	EPA	350.1	1
Biochemical Oxygen Demand, BOD/CBOD	SM	5210 B	1
Bromide	EPA	300.0	1
Chemical Oxygen Demand (COD)	EPA	410.4(7.3)	1
Chloride	EPA	300.0	1
Chloride	SM	4500-Cl- E	1
Chromium, Hexavalent	SM	3500-Cr D	1
Cyanide, Total	EPA	335.4	1
Fluoride	EPA	300.0	1
Fluoride	SM	4500-F C	1
Hardness, Total (as CaCO3)	SM	2340 B	1

<b>Matrix Type/Parameter Name</b>	<b>Reference</b>	<b>Method Number</b>	<b>Notes</b>
Hexane Extractable Material	EPA	1664	1
Nitrate + Nitrite	EPA	353.2	1
Nitrogen, Total Kjeldahl	EPA	351.2	1
Orthophosphate	EPA	365.1	1
Phenolics, Total	EPA	420.4	1
Phosphorus, Total	EPA	365.1	1
Solids, Settleable	SM	2540 F	1
Solids, Total	SM	2540 B	1
Solids, Total Dissolved	SM	2540 C	1
Solids, Total Suspended	SM	2540 D	1
Solids, Total Volatile	EPA	160.4	1
Specific Conductance	SM	2510 B	1
Sulfate	EPA	300.0	1
Sulfate	SM	4500-SO4 D	1,2
Total Organic Carbon	SM	5310 B	1
Turbidity	EPA	180.1	1
Aluminum	EPA	200.7	1
Aluminum	EPA	200.8	1
Antimony	EPA	200.7	1
Antimony	EPA	200.8	1
Arsenic	EPA	200.7	1
Arsenic	EPA	200.8	1
Barium	EPA	200.7	1
Barium	EPA	200.8	1
Beryllium	EPA	200.7	1
Beryllium	EPA	200.8	1
Boron	EPA	200.7	1
Cadmium	EPA	200.7	1
Cadmium	EPA	200.8	1
Calcium	EPA	200.7	1

<b>Matrix Type/Parameter Name</b>	<b>Reference</b>	<b>Method Number</b>	<b>Notes</b>
Chromium	EPA	200.8	1
Chromium	EPA	200.7	1
Cobalt	EPA	200.7	1
Cobalt	EPA	200.8	1
Copper	EPA	200.7	1
Copper	EPA	200.8	1
Iron	EPA	200.7	1
Lead	EPA	200.7	1
Lead	EPA	200.8	1
Lithium	EPA	200.7	1
Magnesium	EPA	200.7	1
Manganese	EPA	200.7	1
Manganese	EPA	200.8	1
Mercury	EPA	1631	1
Mercury	EPA	200.8	1
Mercury	EPA	245.1	1
Molybdenum	EPA	200.8	1
Molybdenum	EPA	200.7	1
Nickel	EPA	200.8	1
Nickel	EPA	200.7	1
Potassium	EPA	200.7	1
Selenium	EPA	200.8	1
Selenium	SM 18/19	3114 B	1
Selenium	EPA	200.7	1
Silica	EPA	200.7	1
Silver	EPA	200.7	1
Silver	EPA	200.8	1
Sodium	EPA	200.7	1
Strontium	EPA	200.7	1
Thallium	EPA	200.8	1

<b>Matrix Type/Parameter Name</b>	<b>Reference</b>	<b>Method Number</b>	<b>Notes</b>
Tin	EPA	200.7	1
Titanium	EPA	200.7	1
Uranium	EPA	200.8	1
Vanadium	EPA	200.8	1
Vanadium	EPA	200.7	1
Zinc	EPA	200.8	1
Zinc	EPA	200.7	1
Alpha, Gross	EPA	900.0	1
Beta, Gross	EPA	900.0	1
Radium 226	EPA	903.1	1
Radium 228	EPA	904.0	1

### **Solid and Chemical Materials**

Chromium, Hexavalent	EPA	7196	1
Cyanide, Total	EPA	9012	1
Aluminum	EPA	6010	1
Aluminum	EPA	6020	1,2
Antimony	EPA	6020	1
Antimony	EPA	6010	1
Arsenic	EPA	6010	1
Arsenic	EPA	6020	1
Barium	EPA	6020	1
Barium	EPA	6010	1
Beryllium	EPA	6020	1
Beryllium	EPA	6010	1
Boron	EPA	6010	1
Cadmium	EPA	6020	1
Cadmium	EPA	6010	1
Calcium	EPA	6010	1
Chromium	EPA	6010	1
Chromium	EPA	6020	1

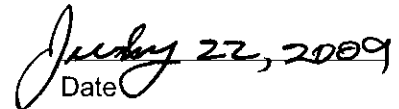
Matrix Type/Parameter Name	Reference	Method Number	Notes
Cobalt	EPA	6010	1
Cobalt	EPA	6020	1
Copper	EPA	6010	1
Copper	EPA	6020	1
Iron	EPA	6010	1
Lead	EPA	6010	1
Lead	EPA	6020	1
Lithium	EPA	6010	1
Magnesium	EPA	6010	1
Manganese	EPA	6020	1,2
Manganese	EPA	6010	1
Mercury, Liquid Waste	EPA	7470	1
Mercury, Solid Waste	EPA	7471	1
Molybdenum	EPA	6020	1
Molybdenum	EPA	6010	1
Nickel	EPA	6020	1
Nickel	EPA	6010	1
Potassium	EPA	6010	1
Selenium	EPA	6020	1,2
Selenium	EPA	6010	1
Silica	EPA	6010	1
Silver	EPA	6020	1
Silver	EPA	6010	1
Sodium	EPA	6010	1
Strontium	EPA	6010	1
Thallium	EPA	6020	1
Thallium	EPA	6010	1
Tin	EPA	6010	1
Titanium	EPA	6010	1
Vanadium	EPA	6020	1

Matrix Type/Parameter Name	Reference	Method Number	Notes
Vanadium	EPA	6010	1
Zinc	EPA	6010	1
Zinc	EPA	6020	1
BTEX	EPA	8021	1
Total Pet Hydrocarbons - Diesel	EPA	8015	1
Total Pet Hydrocarbons - Gasoline	EPA	8015	1
BNA Extr (Semivolatile) Organics	EPA	8270	1
Volatile Organic Compounds	EPA	8260	1
Alpha, Gross	EPA	9310	1
Beta, Gross	EPA	9310	1
Radium 226	EPA	9315	1
Radium 228	EPA	9320	1
Corrosivity	EPA	9045	1
Corrosivity	EPA	9040	1
Ignitability, Pensky-Martin	EPA	1010	1

**Accredited Parameter Note Detail**

(1) Accreditation based in part on recognition of Utah NELAP accreditation. (2) Provisional pending receipt of current, satisfactory proficiency testing (PT) sample results.

  
 Authentication Signature

  
 Date

Stewart M. Lombard, Lab Accreditation Unit Supervisor