



**Montana Department of Public Health
and Human Services**

Recognizes that

**Energy Laboratories, Inc. - Casper
Casper WY**

has completed the requirements for Montana certification and is licensed to analyze Montana's Public Drinking Water Supplies. See attached listing.

Montana Certification Number:

CERT0002

Chemistry

Microbiology

Expiration Date:

01/01/2022

Russell Lee

Laboratory Certification Officer
DPHHS Environmental Laboratory

Effective Date:

01/01/2021



DEPARTMENT OF
PUBLIC HEALTH AND HUMAN SERVICES
STATE OF MONTANA
ENVIRONMENTAL LABORATORY

CERTIFIED DRINKING WATER PARAMETERS

Energy Laboratories, Inc.
2393 Salt Creek Highway
Casper, Wyoming 82601
Montana Certificate #: CERT0002
Chemistry Expiration Date: 01/01/2021

INORGANIC PARAMETERS

| <u>Analyte</u> | <u>Method</u> | <u>Method 2</u> |
|---------------------------------|----------------------------|-----------------|
| Antimony | EPA 200.8 | |
| Arsenic | EPA 200.8 | |
| Barium | EPA 200.8 | |
| Beryllium | EPA 200.8 | |
| Cadmium | EPA 200.8 | |
| Chromium | EPA 200.8 | |
| Copper | EPA 200.8 | |
| Lead | EPA 200.8 | |
| Nickel | EPA 200.8 | |
| Selenium | EPA 200.8 | |
| Thallium | EPA 200.8 | |
| Calcium | EPA 200.7 | |
| Magnesium | EPA 200.7 | |
| Sodium | EPA 200.7 | |
| Alkalinity as CaCO ₃ | SM 2320 B | |
| pH | SM 4500-H B | |
| Sulfate | EPA 300.0 | |
| Nitrate | EPA 353.2 | |
| Nitrite | SM 4500-NO ₂ -B | |
| Chloride | EPA 300.0 | |
| Fluoride | SM 4500-F C | |
| Total Organic Carbon | SM 5310 C | |
| Total Dissolved Solids | SM 2540 C | EPA 300.0 |
| Ortho-Phosphate | EPA 365.1 | |
| Total Phosphorus | EPA 365.1 | |

VOLATILE ORGANIC COMPOUNDS

| <u>Analyte</u> | <u>Method</u> |
|-----------------------|---------------|
| Bromodichloromethane | EPA 524.2 |
| Bromoform | EPA 524.2 |
| Chlorodibromomethane | EPA 524.2 |
| Chloroform | EPA 524.2 |
| Total Trihalomethanes | EPA 524.2 |
| 1,1,1-Trichloroethane | EPA 524.2 |
| 1,1,2-Trichloroethane | EPA 524.2 |

| | |
|--------------------------------|-----------|
| 1,1-Dichloroethylene | EPA 524.2 |
| 1,2 Dichlorobenzene | EPA 524.2 |
| 1,2,4-Trichlorobenzene | EPA 524.2 |
| 1,2-Dichloroethane | EPA 524.2 |
| 1,2-Dichloropropane | EPA 524.2 |
| 1,4-Dichlorobenzene | EPA 524.2 |
| Benzene | EPA 524.2 |
| Carbon Tetrachloride | EPA 524.2 |
| Chlorobenzene | EPA 524.2 |
| cis-1,2-Dichloroethylene | EPA 524.2 |
| Dichloromethane | EPA 524.2 |
| Ethylbenzene | EPA 524.2 |
| Styrene | EPA 524.2 |
| Tetrachloroethylene | EPA 524.2 |
| Toluene | EPA 524.2 |
| trans-1,2-Dichloroethylene | EPA 524.2 |
| Trichloroethylene | EPA 524.2 |
| Vinyl Chloride | EPA 524.2 |
| o-Xylene | EPA 524.2 |
| m-Xylene | EPA 524.2 |
| p-Xylene | EPA 524.2 |
| Xylenes | EPA 524.2 |
| 1,1,1,2-Tetrachloroethane | EPA 524.2 |
| 1,1,2,2-Tetrachloroethane | EPA 524.2 |
| 1,1-Dichloroethane | EPA 524.2 |
| 1,1-Dichloropropane | EPA 524.2 |
| 1,1-Dichloropropene | EPA 524.2 |
| 1,2-Dibromoethane | EPA 524.2 |
| 1,2-Dibromo-3-Chloropropane | EPA 524.2 |
| 1,2,3-Trichlorobenzene | EPA 524.2 |
| 1,2,3-Trichloropropane | EPA 524.2 |
| 1,2,4-Trimethylbenzene | EPA 524.2 |
| 1,3,5-Trimethylbenzene | EPA 524.2 |
| 1,3-Dichlorobenzene | EPA 524.2 |
| 1,3-Dichloropropane | EPA 524.2 |
| 2,2-Dichlorobenzene | EPA 524.2 |
| 2,2-Dichloropropane | EPA 524.2 |
| Bromobenzene | EPA 524.2 |
| Bromochloromethane | EPA 524.2 |
| Bromomethane | EPA 524.2 |
| Chloroethane | EPA 524.2 |
| Chloromethane | EPA 524.2 |
| Cis-1,3-Dichloropropene | EPA 524.2 |
| Dibromomethane | EPA 524.2 |
| Dichlorodifluoromethane | EPA 524.2 |
| Fluorotrichloromethane | EPA 524.2 |
| Hexachlorobutadiene | EPA 524.2 |
| Isopropylbenzene | EPA 524.2 |
| Methyl tert Butyl ether (MTBE) | EPA 524.2 |
| Naphthalene | EPA 524.2 |
| n-Butylbenzene | EPA 524.2 |
| n-Propylbenzene | EPA 524.2 |
| o-Chlorotoluene | EPA 524.2 |
| p-Chlorotoluene | EPA 524.2 |
| p-Isopropyltoluene | EPA 524.2 |
| sec-Butylbenzene | EPA 524.2 |

| | |
|---------------------------|-----------|
| tert-Butylbenzene | EPA 524.2 |
| trans-1,3-Dichloropropene | EPA 524.2 |

SYNTHETIC ORGANIC COMPOUNDS

| <u>Analyte</u> | <u>Method</u> |
|----------------|---------------|
| Diquat | EPA 549.2 |
| Glycosphate | EPA 547 |

| <u>Analyte</u> | <u>Method</u> |
|---------------------|---------------|
| Carbofuran | EPA 531.1 |
| Oxamyl (Vydate) | EPA 531.1 |
| 3-Hydroxycarbofuran | EPA 531.1 |
| Aldicarb (Temik) | EPA 531.1 |
| Aldicarb sulfone | EPA 531.1 |
| Aldicarb sulfoxide | EPA 531.1 |
| Carbaryl (Sevin) | EPA 531.1 |
| Methomyl (Lannate) | EPA 531.1 |

RADIOCHEMISTRY

| <u>Analyte</u> | <u>Method</u> |
|----------------|---------------|
| Gross Alpha | EPA 900.0 |
| Gross Beta | EPA 900.0 |
| Uranium | EPA 200.8 |
| Radium-226 | EPA 903.0 |
| Radium-228 | Ra-05 |