



**COLORADO DEPARTMENT OF HEALTH AND ENVIRONMENT
LABORATORY SERVICES DIVISION
SCOPE OF CERTIFICATION**

**Energy Laboratories, Inc.
1120 South 27th Street
Billings, MT 59101
LAB ID: MT00005**

INORGANIC CHEMISTRY

| <u>Parameters</u> | <u>Method</u> | <u>Begin Date</u> | <u>End Date</u> | <u>Status</u> |
|---------------------------------|---------------|-------------------|-----------------|---------------|
| TRACE METALS | | | | |
| Antimony | EPA-200.8 | 2/1/2024 | 1/31/2025 | (A) |
| Arsenic | EPA-200.8 | 2/1/2024 | 1/31/2025 | (A) |
| Barium | EPA-200.7 | 2/1/2024 | 1/31/2025 | (A) |
| Barium | EPA-200.8 | 2/1/2024 | 1/31/2025 | (A) |
| Beryllium | EPA-200.7 | 2/1/2024 | 1/31/2025 | (A) |
| Beryllium | EPA-200.8 | 2/1/2024 | 1/31/2025 | (A) |
| Cadmium | EPA-200.7 | 2/1/2024 | 1/31/2025 | (A) |
| Cadmium | EPA-200.8 | 2/1/2024 | 1/31/2025 | (A) |
| Chromium | EPA-200.7 | 2/1/2024 | 1/31/2025 | (A) |
| Chromium | EPA-200.8 | 2/1/2024 | 1/31/2025 | (A) |
| Copper | EPA-200.7 | 2/1/2024 | 1/31/2025 | (A) |
| Copper | EPA-200.8 | 2/1/2024 | 1/31/2025 | (A) |
| Lead | EPA-200.8 | 2/1/2024 | 1/31/2025 | (A) |
| Mercury | EPA-200.8 | 2/1/2024 | 1/31/2025 | (A) |
| Mercury | EPA-245.1 | 2/1/2024 | 1/31/2025 | (A) |
| Nickel | EPA-200.7 | 2/1/2024 | 1/31/2025 | (A) |
| Nickel | EPA-200.8 | 2/1/2024 | 1/31/2025 | (A) |
| Selenium | EPA-200.8 | 2/1/2024 | 1/31/2025 | (A) |
| Thallium | EPA-200.8 | 2/1/2024 | 1/31/2025 | (A) |
| Uranium | EPA-200.8 | 2/1/2024 | 1/31/2025 | (A) |
| NITRATE/NITRITE/FLUORIDE | | | | |
| Nitrate-N | EPA-300.0 | 2/1/2024 | 1/31/2025 | (A) |
| Nitrate-N | EPA-353.2 | 2/1/2024 | 1/31/2025 | (A) |

A:Approved
N:Not Certified
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|---------------------------------|---------------|-------------------|-----------------|---------------|
| NITRATE/NITRITE/FLUORIDE | | | | |
| Nitrite-N | EPA-300.0 | 2/1/2024 | 1/31/2025 | (A) |
| Nitrite-N | EPA-353.2 | 2/1/2024 | 1/31/2025 | (A) |
| Fluoride | EPA-300.0 | 2/1/2024 | 1/31/2025 | (A) |
| Fluoride | SM 4500-F C | 2/1/2024 | 1/31/2025 | (A) |
| DISINFECTION BY-PRODUCTS | | | | |
| Bromide | EPA-300.0 | 2/1/2024 | 1/31/2025 | (A) |

ORGANIC CHEMISTRY

| | | | | |
|---------------------------|-----------|----------|-----------|-----|
| PESTICIDES | | | | |
| Alachlor | EPA-525.2 | 2/1/2024 | 1/31/2025 | (A) |
| Chlordane | EPA-525.2 | 2/1/2024 | 1/31/2025 | (A) |
| Endrin | EPA-525.2 | 2/1/2024 | 1/31/2025 | (A) |
| Heptachlor | EPA-525.2 | 2/1/2024 | 1/31/2025 | (A) |
| Heptachlor epoxide | EPA-525.2 | 2/1/2024 | 1/31/2025 | (A) |
| Hexachlorobenzene | EPA-525.2 | 2/1/2024 | 1/31/2025 | (A) |
| Hexachlorocyclopentadiene | EPA-525.2 | 2/1/2024 | 1/31/2025 | (A) |
| Lindane (gamma-BHC) | EPA-525.2 | 2/1/2024 | 1/31/2025 | (A) |
| Methoxychlor | EPA-525.2 | 2/1/2024 | 1/31/2025 | (A) |
| Simazine | EPA-525.2 | 2/1/2024 | 1/31/2025 | (A) |
| Toxaphene | EPA-525.2 | 2/1/2024 | 1/31/2025 | (A) |
| HERBICIDES | | | | |
| 2,4-D | EPA-515.4 | 2/1/2024 | 1/31/2025 | (A) |
| 2,4,5-TP (Silvex) | EPA-515.4 | 2/1/2024 | 1/31/2025 | (A) |
| Dalapon | EPA-515.4 | 2/1/2024 | 1/31/2025 | (A) |
| Dinoseb | EPA-515.4 | 2/1/2024 | 1/31/2025 | (A) |
| Pentachlorophenol | EPA-515.4 | 2/1/2024 | 1/31/2025 | (A) |
| Picloram | EPA-515.4 | 2/1/2024 | 1/31/2025 | (A) |
| PCBs | | | | |
| PCBs as Aroclors | EPA-525.2 | 2/1/2024 | 1/31/2025 | (A) |
| PAH | | | | |
| Benzo(a)pyrene | EPA-525.2 | 2/1/2024 | 1/31/2025 | (A) |

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|-------------------------------|---------------|-------------------|-----------------|---------------|
| ADIPATES / PHTHALATES | | | | |
| Bis-(2-ethylhexyl) Adipate | EPA-525.2 | 2/1/2024 | 1/31/2025 | (A) |
| Bis-(2-ethylhexyl) Phthalate | EPA-525.2 | 2/1/2024 | 1/31/2025 | (A) |
| TRIHALOMETHANES | | | | |
| Bromodichloromethane | EPA-524.2 | 2/1/2024 | 1/31/2025 | (A) |
| Bromoform | EPA-524.2 | 2/1/2024 | 1/31/2025 | (A) |
| Chlorodibromomethane | EPA-524.2 | 2/1/2024 | 1/31/2025 | (A) |
| Chloroform | EPA-524.2 | 2/1/2024 | 1/31/2025 | (A) |
| VOLATILE ORGANICS - V1 | | | | |
| Ethylene dibromide (EDB) | EPA-504.1 | 2/1/2024 | 1/31/2025 | (A) |
| Dibromochloropropane (DBCP) | EPA-504.1 | 2/1/2024 | 1/31/2025 | (A) |
| VOLATILE ORGANICS - V2 | | | | |
| Vinyl Chloride | EPA-524.2 | 2/1/2024 | 1/31/2025 | (A) |
| VOLATILE ORGANICS - V3 | | | | |
| Benzene | EPA-524.2 | 2/1/2024 | 1/31/2025 | (A) |
| Carbon tetrachloride | EPA-524.2 | 2/1/2024 | 1/31/2025 | (A) |
| 1,2-Dichlorobenzene | EPA-524.2 | 2/1/2024 | 1/31/2025 | (A) |
| 1,2-Dichloroethane | EPA-524.2 | 2/1/2024 | 1/31/2025 | (A) |
| 1,1-Dichloroethylene | EPA-524.2 | 2/1/2024 | 1/31/2025 | (A) |
| Trichloroethylene | EPA-524.2 | 2/1/2024 | 1/31/2025 | (A) |
| Chlorobenzene | EPA-524.2 | 2/1/2024 | 1/31/2025 | (A) |
| 1,4-Dichlorobenzene | EPA-524.2 | 2/1/2024 | 1/31/2025 | (A) |
| c-1,2-Dichloroethylene | EPA-524.2 | 2/1/2024 | 1/31/2025 | (A) |
| t-1,2-Dichloroethylene | EPA-524.2 | 2/1/2024 | 1/31/2025 | (A) |
| 1,2-Dichloropropane | EPA-524.2 | 2/1/2024 | 1/31/2025 | (A) |
| Ethylbenzene | EPA-524.2 | 2/1/2024 | 1/31/2025 | (A) |
| Styrene | EPA-524.2 | 2/1/2024 | 1/31/2025 | (A) |
| Tetrachloroethylene | EPA-524.2 | 2/1/2024 | 1/31/2025 | (A) |
| Toluene | EPA-524.2 | 2/1/2024 | 1/31/2025 | (A) |
| 1,1,1-Trichloroethane | EPA-524.2 | 2/1/2024 | 1/31/2025 | (A) |
| Total Xylenes | EPA-524.2 | 2/1/2024 | 1/31/2025 | (A) |
| Dichloromethane | EPA-524.2 | 2/1/2024 | 1/31/2025 | (A) |
| 1,2,4-Trichlorobenzene | EPA-524.2 | 2/1/2024 | 1/31/2025 | (A) |
| 1,1,2-Trichloroethane | EPA-524.2 | 2/1/2024 | 1/31/2025 | (A) |

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|-------------------------|---------------|-------------------|-----------------|---------------|
| HALOACETIC ACIDS | | | | |
| Chloroacetic Acid | EPA-552.2 | 2/1/2024 | 1/31/2025 | (A) |
| Dichloroacetic Acid | EPA-552.2 | 2/1/2024 | 1/31/2025 | (A) |
| Trichloroacetic Acid | EPA-552.2 | 2/1/2024 | 1/31/2025 | (A) |
| Bromoacetic Acid | EPA-552.2 | 2/1/2024 | 1/31/2025 | (A) |
| Dibromoacetic Acid | EPA-552.2 | 2/1/2024 | 1/31/2025 | (A) |
| MISCELLANEOUS | | | | |
| Endothall | EPA-548.1 | 2/1/2024 | 1/31/2025 | (A) |
| Total Cyanide | EPA-335.4 | 2/1/2024 | 1/31/2025 | (A) |
| Total Cyanide | Kelada-01 | 2/1/2024 | 1/31/2025 | (A) |
| Amenable Cyanide (CATC) | SM 4500-CN G | 2/1/2024 | 1/31/2025 | (A) |

UNREGULATED CONTAMINANTS

| <u>Parameters</u> | <u>Abbreviation</u> | <u>Method</u> | <u>Begin Date</u> | <u>End Date</u> | <u>Status</u> |
|---|---------------------|---------------|-------------------|-----------------|---------------|
| PER- & POLYFLUOROALKYL SUBSTANCES (PFAS) | | | | | |
| 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid | 11Cl-PF3OUdS | EPA-537.1 | 2/1/2024 | 1/31/2025 | (A) |
| 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid | 9Cl-PF3ONS | EPA-537.1 | 2/1/2024 | 1/31/2025 | (A) |
| 4,8-Dioxa-3H-perfluorononanoic acid | ADONA | EPA-537.1 | 2/1/2024 | 1/31/2025 | (A) |
| Hexafluoropropylene oxide dimer acid | HFPO-DA | EPA-537.1 | 2/1/2024 | 1/31/2025 | (A) |
| Perfluorobutanesulfonic acid | PFBS | EPA-537.1 | 2/1/2024 | 1/31/2025 | (A) |
| Perfluorodecanoic acid | PFDA | EPA-537.1 | 2/1/2024 | 1/31/2025 | (A) |
| Perfluorododecanoic acid | PFDoA | EPA-537.1 | 2/1/2024 | 1/31/2025 | (A) |
| Perfluoroheptanoic acid | PFHpA | EPA-537.1 | 2/1/2024 | 1/31/2025 | (A) |
| Perfluorohexanoic acid | PFHxA | EPA-537.1 | 2/1/2024 | 1/31/2025 | (A) |
| Perfluorohexanesulfonic acid | PFHxS | EPA-537.1 | 2/1/2024 | 1/31/2025 | (A) |
| Perfluorononanoic acid | PFNA | EPA-537.1 | 2/1/2024 | 1/31/2025 | (A) |
| Perfluorooctanoic acid | PFOA | EPA-537.1 | 2/1/2024 | 1/31/2025 | (A) |
| Perfluorooctanesulfonic acid | PFOS | EPA-537.1 | 2/1/2024 | 1/31/2025 | (A) |
| Perfluoroundecanoic acid | PFUnA | EPA-537.1 | 2/1/2024 | 1/31/2025 | (A) |
| N-ethyl perfluorooctanesulfonamidoacetic acid | NEtFOSAA | EPA-537.1 | 2/1/2024 | 1/31/2025 | (A) |
| N-methyl perfluorooctanesulfonamidoacetic acid | NMeFOSAA | EPA-537.1 | 2/1/2024 | 1/31/2025 | (A) |
| Perfluorotetradecanoic acid | PFTA | EPA-537.1 | 2/1/2024 | 1/31/2025 | (A) |
| Perfluorotridecanoic acid | PFTTrDA | EPA-537.1 | 2/1/2024 | 1/31/2025 | (A) |

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