



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ERA
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CHEMICAL

Valid To: September 30, 2018

Certificate Number: 1539.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests using the testing technologies indicated and in the analyte categories identified below:

Testing Technologies

Atomic Absorption/ICP-AES Spectrometry, Gas Chromatography, Gas Chromatography/Mass Spectrometry, Gravimetry, High Performance Liquid Chromatography, Ion Chromatography, Methylene Blue Active Substances, Microbiology, Misc.- Electronic Probes (pH, ion selective electrodes, O₂), Oxygen Demand, Spectrophotometry (Visible), Spectrophotometry (Automated), Titrimetry, Total Organic Carbon, Turbidity, Gamma Detectors, Liquid Scintillation Detectors, Gas Proportion Detector

<u>Parameter/Analyte</u>	<u>Method</u>
Acidity	730002500
Ammonia	730002510
Anions and DBPs	730002523
Chemical Oxygen Demand (COD)	730002495
Conductivity	730002472 & 730002476
Flashpoint Fluoride	730002526
Haloacetic Acid	730002522
Hexavalent Chromium	730002571 & 730002570
Mercury	730002494
Metals (ICP-AES)	730002524
Metals (ICP-MS)	730002520
Methylene Blue Active Substances (MBAS)	730002521
Microbiology Products Verification	730002504
Oil & Grease	730002567
PCBs	730002497 & 730002353
Perchlorate	730002569 & 730002562
pH	730002523
Phenolics (simple)	730002501
Radiochemical Analysis	730002490

<u>Parameter/Analyte</u>	<u>Method</u>
Semivolatiles	730002562 & 730002570
(Aliphatic Hydrocarbons, Hydrocarbon Fuels by FID)	
(Aromatic Amines, Aromatics, Haloethers, Nitrosoamines, Nitroaromatics & Cyclic Ketones, Polynuclear Aromatic Hydrocarbons and Phthalate esters by MSD)	
(Chlorinated hydrocarbons by MSD, ECD)	
(Organonitrogen Pesticides and Organophosphorus Pesticides by NPD, ECD)	
(Organochlorine Pesticides, Dioxins and Furans, and Polychlorinated Biphenyls by ECD)	
(Phenolics, Acids, Phthalates, Herbicides, Haloacetic Acids, Carbamates, TOX, Nitroaromatics, Nitrosoamines HPLC with UV, plus PAHs by UV, FLD)	
Settleable Solids	730002503
Specific Conductance	730002508
Sulfide	730002516
Total Alkalinity	730002515
Total and Free Cyanide	730002507
Total and Free Residual Chlorine	730002509 & 730002895
Total Dissolved Solids	730002492
Total Kjeldahl Nitrogen (TKN)	730002498
Total Organic Carbon (TOC)	730002496
Total Petroleum Hydrocarbon	730002563 & 730002352
Total Solids in Water	730002491
Total Settleable Solids	730002503
Total Suspended Solids	730002493
Total Volatile Solids (TVS)	730002502
Turbidity in Water Samples	730002499
Volatiles by GC/MSD	730002564 & 730002565
Anions and DBPs	730002527





Accredited Laboratory

A2LA has accredited

ERA

Golden, CO

for technical competence in the field of

Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. 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 8 January 2009).



Presented this 29th day of March 2017.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 1539.02
Valid to September 30, 2018

For the tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.