



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ERA  
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CHEMICAL

Valid To: December 31, 2016

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, O<sub>2</sub>), 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	WP 0549
Ammonia	WP 0600
Anions and DBPs	WP 0690
Chemical Oxygen Demand (COD)	WP 0544
Conductivity	WP 3110 & WP 3201
Flashpoint	WP 0693
Fluoride	WP 0689
Haloacetic Acid	WP 1210 & WP 1200
Hexavalent Chromium	WP 0543
Mercury	WP 0691
Metals (ICP-AES)	WP 0680
Metals (ICP-MS)	WP 0682
Methylene Blue Active Substances (MBAS)	WP 0553
Microbiology Products Verification	WP 1140
Oil & Grease	WP 0546 & WP 1045
PCBs	WP 1160 & WP 1030
Perchlorate	WP 0690
pH	WP 0550
Phenolics (simple)	WP 0530
Radiochemical Analysis	WP 2510

Parameter/Analyte

Method

Semivolatiles

WP 1030 & WP 1200

(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

WP 0552

Specific Conductance

WP 0580

Sulfide

WP 0640

Total Alkalinity

WP 0630

Total and Free Cyanide

WP 0560

Total and Free Residual Chlorine

WP 0590

Total Dissolved Solids

WP 0541

Total Kjeldahl Nitrogen (TKN)

WP 0547

Total Organic Carbon (TOC)

WP 0545

Total Petroleum Hydrocarbon

WP 1047 & WP 1040

Total Solids in Water

WP 0540

Total Settleable Solids

WP 0552

Total Suspended Solids

WP 0542

Total Volatile Solids (TVS)

WP 0551

Turbidity in Water Samples

WP 0548

Volatiles by GC/MSD

WP 1050 & WP 1051



## 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 laboratory also meets the requirements of any additional program requirements in the field of Chemical. 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 31<sup>st</sup> day of May 2015.

A handwritten signature in blue ink, appearing to read "J. C. Bunt".

Senior Director of Quality & Communications  
For the Accreditation Council  
Certificate Number 1539.02  
Valid to December 31, 2016  
Revised September 23, 2016

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