

Chris Rhoades

Analytical Chemist - ICP/ICPMS Technician

Wheat Ridge, CO 80033

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I am seeking a position where I can bring my skills as a chemist to better use. I have over a decade of experience working in a laboratory as an analytical chemist with particular expertise in ICP and ICP-MS spectrometry. I also have experience with sample digestion and preparation and use of LIMS systems and Microsoft Excel.

Authorized to work in the US for any employer

Work Experience

Analyst

Hazen Research, Inc.-Golden, CO

December 2019 to Present

- Determination of concentration of various metals by ICP and ICP-MS
- Digestion of solid samples for ICP analysis
- Determination of Mercury concentration in samples by cold vapor AA

ICP-MS Metals Analyst, level II

TestAmerica Laboratories, Inc-Arvada, CO

July 2017 to December 2019

- Analysis of multiple metal analytes in samples by Inductively Coupled Plasma (ICP-MS) Spectroscopy
- Instrument calibration and maintenance
- Data analysis and review, peer review
- Compilation of analytical reports

ICP Metals Analyst, level II

TestAmerica Laboratories, Inc-Arvada, CO

December 2014 to December 2019

- Analysis of multiple metal analytes in samples by Inductively Coupled Plasma (ICP) Spectroscopy
- Instrument calibration and maintenance
- Data analysis and review, peer review
- Compilation of analytical reports

Mercury Analyst

TestAmerica

August 2013 to May 2014

- Preparation and digestion of aqueous and soil samples

- Analysis of mercury in samples by Cold Vapor Atomic Absorption Spectroscopy
- Instrument calibration and maintenance
- Data analysis and review

Laboratory Technician

TestAmerica-Arvada, CO
September 2012 to May 2014

- Preparation and digestion of aqueous and soil samples
- Water quality check and maintenance
- Composing preparatory batches using LIMS software
- Coworker training and assistance

Laboratory Technician

Chevron Phillips Chemical Company-Bartlesville, OK
July 2011 to August 2012

- Preparation of polymer samples for analysis by Size Exclusion Chromatography (SEC - also referred to commonly as Gel Permeation Chromatography, GPC)
- Data analysis and review

Education

B.S. in Chemistry in Chemistry

Texas A&M University - College Station, TX
March 2011

Ralston Valley High School - Arvada, CO
2007

Bachelor of Science

Skills

- calibration (10+ years)
- corrective maintenance (10+ years)
- Laboratory (10+ years)
- LIMS (10+ years)
- Instrument repair and maintenance (10+ years)
- Quantitative Analysis
- Laboratory Management
- Communication skills
- Analysis skills
- Microsoft Office
- Writing skills

- Assays
- Analytical chemistry

Additional Information

SKILLS

- Proficient in chemistry laboratory work
- Excels at producing quality laboratory data and results
- Familiar with interpreting and revising Standard Operating Procedures (SOP)
- Able to train new hire employees to perform tasks on their own
- Able to use a Laboratory Inventory Management System (LIMS)
- Able to verify calibration of instruments and laboratory tools (pipettes, analytical balances) and perform corrective maintenance on said equipment.
- Able to prepare chemical reagents and calibration standards from stock solutions
- Experience with computer spreadsheet programs, Microsoft Word, Excel and PowerPoint