



- Job Title:** Analytical Chemist
- Education:** B.S. in Chemistry or Chemical Engineering
- Experience:** 5-15 years experience in chemical analysis

Company Overview:

The Chemetry team is a dedicated and innovative group of forward thinkers excited to redefine how chemicals are made. Chemetry pioneered the eShuttle™ platform to more safely produce industrial chemicals with improved process economics and lower energy demand compared to conventional production. Chemetry operates laboratory and pilot plant facilities in Moss Landing, California, to further develop the technology platform.

Job Scope:

The analytical chemist will be responsible for the timely and accurate analysis of chemical samples collected from the pilot plant and laboratory experiments. The tasks will include wet sample preparation, instrument calibrations, inventory upkeep, instrument maintenance and basic instrument troubleshooting.

Minimum Requirements

- Bachelors Degree in chemistry.
- Minimum 5 years in laboratory or industrial setting using and maintaining chemical analysis equipment.
- Extensive knowledge of gas chromatography including column selection, detector maintenance, method development, calibration, and basic troubleshooting is required.
- Experience with basic wet lab techniques such as solvent extraction, filtration, and titration is also required.
- Knowledge of other chemical analysis techniques, especially TOC and/or ICP, is strongly preferred.
- Ability to maintain, troubleshoot and repair basic mechanical and software based problems on analytical equipment is required.

Responsibilities:

- Accurately analyze chemical samples on appropriate instruments (GC, TOC, ICP, titrator etc.) from pilot plant and report results in a timely fashion.
- Maintain online and offline chemical analyzers (GC, pH, etc.) to ensure time on-stream.
- Monitor and replace lab consumables and chemicals such as gas cylinders for GC.
- Calibrate all analyzers on routine basis.
- Perform simple repairs on chemical instrumentation (e.g. replace capillaries, clean FIDs, etc.) as necessary.
- Develop new methods for analysis where appropriate.
- Keep accurate records.

