



Chemist

Calgary, Alberta

Ayrton Energy's mission is to provide energy security fueled by hydrogen. Ayrton is looking for a chemist with experience in organic and analytical chemistry to join our growing team. As part of a fast-growing startup, the scientist or engineer in this role can anticipate a large variety of changing role responsibilities as the team grows, from wet lab experimentation to project/lab management and development. There are no set career paths at Ayrton.

You will love this job if:

- You are excited to work at an early-stage startup developing next generation technology
- You have a passion for developing novel chemistry, both in the lab and at the computer
- You enjoy working in cross-functional teams and feel comfortable sharing your ideas

Your Responsibilities:

- Lead research, development and testing of liquid organic hydrocarbon formulations
- Analytical characterization of chemicals and formulations, analyze and interpret experimental data, draw conclusions, and present findings to colleagues and project teams
- Project planning, maintain accurate and organized experimental records, tracking and reporting using project management software
- Management of laboratory chemical and equipment inventory
- Development of standard operating procedures for laboratory testing and preparations
- Assisting with the writing of documents including white papers, manuscripts and intellectual property
- Conduct literature reviews and stay up-to-date with the latest developments in organic chemistry to inform research strategies

Your Skills and Experience:

- Undergraduate level degree in chemistry or similar with experience in organic and/or analytical chemistry
- Passionate about innovation, self-motivated and keen to learn
- Organized with a demonstrated ability to work independently, manage multiple tasks/projects, and meet deadlines
- Experience developing methods and procedures for chemical laboratory testing
- Strong analytical and problem-solving skills, with the ability to troubleshoot experimental issues and propose creative solutions
- Excellent communication and teamwork skills to effectively collaborate with colleagues and present findings

At Ayrton We Value:

- Honesty – We are solving hard problems and look for diversity in thought
- Accountability – We value action over words and will empower you to get things done
- Be Kind – We are a team. Win together, lose together, learn together

Benefits:

- Compensation in the form of salary and equity
- Generous vacation policy, including half days before a statutory holiday (start your long weekends early!)
- Health and dental benefits
- Potential to grow into a leadership role

We're looking for a full-time, long-term employee and we'll hire as soon as we meet the right person. Target salary in this position is \$50,000 to \$60,000/year, depending on experience.

Ayrton is an equal opportunity employer that values equity, diversity and inclusion within our team. As a women-led venture, our company strives to provide a supportive atmosphere for under-represented individuals in business and STEM fields, including a focus on work-life balance and employee mental health.

How to apply:

Please send a cover letter and resume to jobs@ayrtonenergy.com and use Job Application –Organic Formulations Chemist in the subject line.