



Position: Analytical Chemistry Tech

Work Location: Victoria PEI, Canada (In-Person)

Job Type: Full-Time Contract

*We are currently seeking an experienced **Analytical Chemistry Tech** in SEC to work at our Victoria PEI location and perform research activities in Analytical Chemistry, Protein Separation, and Peptide Identification.*

Who We Are:

MicroSintesis is a Microbiome Biotech Company with its research center based in PEI, Canada. We develop microbiome feed technologies and therapies to prevent and treat animal bacteria infections. Through our innovative research program and patented technology, we seek to understand how bacteria communication (Quorum Sensing) can be used to change pathogen behaviors and restore natural microbiome function, in the face of disease challenges.

Our purpose is to change the way we fight disease, and our vision is to be a leading animal microbiome technology Company. Using our unique bioassay platform, we have developed and are commercializing, two distinct microbiome feed products targeting two important dysbiosis-causing gram-negative and gram-positive pathogens. We are now expanding that program to critically important pathogens for companion animals and dairy cows.

To date, the Company holds over 65 patents across 5 technology platforms and has published its scientific work in prestigious publications such as Nature and Avian Pathology. Our research activities span both a mechanistic understanding of Quorum Sensing Inhibition as well as applied research. We work across 4 main research areas: Molecular and cell biology; Analytical Chemistry and Protein Purification; Microbiology and Fermentation; and Clinical/In-vivo lab research and Microbiome sampling and analysis.

Over the past 4 years, the Company has established a number of important research, academic and technical collaborations as well as commercial partnerships. Many of our research collaborations are with some of the leading experts within their technical fields. Our partnership goals are to advance the world's understanding of the role of bacteria communication in microbiome diseases and function. To support this, we have performed over 12 clinical trials in the past 3 years, and we expect to test our technology in 3 new disease target models in the next twelve months.

The Candidate will be responsible for:

- Set up, operate, and maintain equipment.
- Prepare solutions, reagents, and samples to conduct tests and experiments such as size exclusion chromatography, HPLC, mass spectroscopy, and physical and chemical separation, and coordinate with other departments/institutions for sample testing and data analysis.
- Perform validations and write or revise SOPs for the operation of new or existing processes and/or equipment.
- Compile records and interpret experimental and analytical results, write reports, and present results to management.
- Develop, improve, and customize equipment, products, formulas, analytical methods, and processes.
- Follow SOPs and contribute to MicroSintesis' QMS
- Actively participate in building a positive and healthy company culture

Requirements:

This position requires you to have a minimum of an MSc in analytical chemistry or similar, plus 3 years hands-on laboratory experience in industry. Prior experience with size exclusion chromatography and HPLC is required while experience with liquid chromatography – mass spectroscopy (LC-MS) is highly desirable. This depth of experience is necessary for you to thrive in our culture where independent thinking and operation is required. We also value people who are passionate about their work goals and have a can-do, positive attitude to designing, testing, and performing research, while also ensuring on-time, effective data analysis and report writing of the results.

This is a detail-oriented position, where the successful candidate will be required to work independently, manage their own schedule of activities and be responsible and accountable for delivering results. Strong oral and written communication skills are a must, alongside an action-driven, creative, and proactive mindset.

Finally, being a team player is critical. Your selflessness to meeting your Team and Company goals is an important part of the values you should bring and helps foster a Company culture where innovation thrives and speed of research matters.



Benefits of working at MicroSintesis

- 100% Company paid benefit package *
- Starting vacations of 3 weeks for all positions *
- Gas mileage subsidy*
- Opportunity to publish and present research findings.
- Flexible work schedule
- Strong, independent culture of innovation and management commitment to personal growth
- Bonus paid for shared Company milestones achieved.

**Applies to full-time employed salaried positions*

Company Philosophy

MicroSintesis is a Biotech Start-Up. Our ability to succeed depends on the integrity, knowledge, ingenuity, and hard work of each of our team members. We strive to create an environment of mutual respect in which members have the freedom to operate and make decisions independently. As part of our team, you will have the opportunity to collaborate with talented and dedicated colleagues who are all committed to building a dynamic, hardworking, fun culture.

MicroSintesis is an equal-opportunity employer. We believe strength comes from cultural, ethnic, and gender-diverse teams.

How to Apply

Please apply by submitting a resume to info@microsintesis.com as well as providing your salary expectation and quoting the position: "**Analytical Chemistry Tech**" in the subject line. While we appreciate all submissions, only those considered for an interview will be contacted.