



## Job Description: Analytical Research Associate

MicroSintesis is a rapidly growing animal health science company focused on creating novel health solutions from the microbiome. By harnessing the natural defense mechanisms of probiotics, MicroSintesis is at the forefront of new biotechnologies that fight antibiotic-resistant bacteria and reduce the virulence of pathogens.

We have harnessed specific probiotic metabolites that are part of the microbiome's own communication system. With them, we shift microbiome populations, reduce pathogenic bacteria virulence and strengthen the microbiome barrier so that the microbiome can heal itself. Since 2014, we have built a pipeline of next-generation animal microbiome products that optimize health and maximize performance. We are now ready to launch those products internationally.

MicroSintesis is seeking an **Analytical Research Associate** who will be a key member of our team. This is a full-time permanent position in Victoria PEI.

- Execute analytical methods using chromatography techniques. Experience in HPLC is essential.
- Preparation of solutions and reagents for chromatography.
- Analyze samples from both internal and external research organizations.
- Perform laboratory procedures following Standard protocols.
- Develop experimental plans for formulations and solubility testing.
- Monitor, operate, and maintain specialized analytical laboratory equipment including HPLC and Akta explorer chromatography equipment.
- Maintain accurate laboratory records and data.
- Follow and write SOPs and contributes to quality assurance.
- Perform work in a BSL2 environment.
- Compile and analyze experimental data and produce reports

### Requirements

- PhD or MSc in relevant field, biology, biochemistry or analytical chemistry.
- 2-5 years experience in research and development or industrial setting.
- Strong track record of operating HPLC and chromatography equipment.
- Detail Oriented
- Working knowledge of Share point
- Strong oral and written communication skills
- Problem-solving skills
- Able to work well in a team and manage your own workload

### Company Philosophy

MicroSintesis is a rapidly growing organization in the life science and health field. 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 the dynamic culture of a biotech start-up.

MicroSintesis is an equal opportunity employer. We believe our strength comes from our cultural, ethnic and gender-diverse teams. MicroSintesis offers a competitive salary and benefits package. To apply, please send a CV and cover letter to [info@microsintesis.com](mailto:info@microsintesis.com) with the subject line "**Analytical Research Associate**".

Only candidates selected for an interview will be contacted.