



**A & L Canada Laboratories Inc.
Job Posting**

Microbiology Lab Technician

A & L Canada Laboratories Inc. (A & L) is one of Canada's largest Agricultural and Environmental laboratories specializing in soil, plant tissue, fertilizer, food and water testing. A & L provides reliable, comprehensive and effective services for analytical testing. Our Environmental division provides inorganic chemistry, organic chemistry, general chemistry, microbiology and pesticide analysis using state of the art technology and methodology.

Our microbiology laboratory is currently seeking a new team member. The successful candidate will be hardworking, team focused with a positive attitude who can work in a fast paced environment. The Microbiology Technician conducts microbiological tests on a variety of sample types including food raw materials and finished products, cannabis related products, water, swabs, and environmental samples such as composts etc.

Duties and Responsibilities:

- Performs microbiology testing in a timely fashion maintaining a high level of quality.
- Participates in analytical work in other areas.
- Reports results for tests.
- Successfully participates in completion of proficiency testing samples.
- Maintain/troubleshoot analytical systems.
- Aseptically performs sampling, plating, and testing of samples daily to meet turnaround time.
- Data input into laboratory information management system (LIMS).
- Submits accurate and timely reports based on the analysis.
- Laboratory management of daily workload including medium preparation, sample setup, result reading, data input, report release to satisfy requirements of clients.
- Identifies and communicates results that require further investigation or discussion with Manager/Supervisor.
- Assists in maintaining quality system records to comply with all accrediting agencies.
- Maintains a clean and orderly environment.

Qualifications:

- B.Sc. degree, preferably in Microbiology, Biology, Food Science or related sciences OR College diploma with practical experience in a microbiology lab setting
- 1-3 years Laboratory experience is preferred, including co-op experience
- Knowledge of established laboratory procedures/standards/techniques.
- Experience running PCR is considered an asset



- Knowledge of the scientific principles/practices applicable to test protocols/procedures/methods and analytical systems/equipment (i.e., membrane filtration, identification of organisms, spread plate analysis, MPN, PCR etc.).
- Strong attention to detail with the ability to meet quick turnaround times and deadlines
- Practical experience in aseptic laboratory techniques and media preparation.
- Experience with laboratory information management systems (LIMS) and Windows-based software (e.g. word processing, spreadsheet).
- Proven ability to perform basic microbiology laboratory techniques.
- Excellent organizational skills.

Interested candidates are asked to submit their resume via email to Bridget Patience, HR Manager by April 30, 2021 at bpatience@alcanada.com

A&L Canada Laboratories welcomes and encourages applications from people with disabilities. Accommodations are available on request for candidates taking part in all aspects of the selection process.