
Lab Technician

Summary

The Laboratory Technician is responsible for laboratory-based tasks, which include sampling, testing, measuring, recording and analyzing results in biological, chemical, physical and life sciences. The Laboratory Technician provides all the required technical support to enable the laboratory to function effectively whilst adhering to correct procedures and health and safety guidelines. The Laboratory Technician carries out fundamental tests as part of the scientific team. This position requires Health Canada security clearance.

Job Description

- Perform laboratory tests in order to produce reliable and precise data to support production and R & D.
- Record and report data from all analyses and tests in the prescribed time and form and maintain statistical records in accordance with laboratory procedures.
- Carry out routine tasks accurately and following strict methodologies and SOP's to carry out analyses.
- Prepare specimens and samples.
- Construct, maintain and operate standard laboratory equipment,
- Ensure the laboratory is well-stocked and resourced.
- Keep up to date with technical developments, especially those which can save time and improve reliability.
- Conduct literature searches on identified topics relevant to the company.
- Follow and ensure strict safety procedures and safety checks.
- Make detailed observations; analyze data, and interpret results.
- Maintain laboratory equipment and inventory levels for laboratory supplies.
- Write reports, summaries, and protocols regarding experiments.
- Perform limited troubleshooting and calibration of instruments.
- Log in all samples from field or special request for routine, non-routine and other test.
- Prepare and send samples for third party analysis. File final report under direction.
- Organize all lab reagents and update inventory spread sheets.
- Communicate with third party calibration services
- Responsible for lab cleaning, sample disposal, monthly inventory check, safety duties etc.
- Complete other duties as necessary.

Qualifications

- Bachelor's degree in a related scientific field or chemical Technology program or equivalent.
- Must have a strong understanding of WHMIS.
- Understanding of HPLC and GC an asset
- Must be knowledgeable in health, safety and environmental standards.
- Knowledge of laboratory techniques, terminology, equipment and materials.
- Knowledge of the principles and practices of chemical, biological and physical testing and analyses including the preparation of materials, equipment and samples.
- Ability to use and maintain laboratory equipment for standard testing.
- Ability to understand and follow written and oral instruction.
- Must have good written and verbal communication skills.
- Demonstrate applicable ethics and due diligence.
- Manage time effectively.
- Effective attention to detail and a high degree of accuracy.
- High level of integrity, confidentiality, and accountability.
- Sound analytical thinking, planning, prioritization, and execution skills.
- Ability to respond appropriately in pressure situations with a calm and steady demeanour.
- High level of computer literacy including MS office