

Job Description

Job Title:	Laboratory Technician
Incumbent:	
Reports to:	Technical Operations and Laboratory Services Manager

OVERVIEW:

The Laboratory Technician will undertake a variety of laboratory procedures of technical nature. This individual will be handling sensitive equipment to analyze samples or substances and report findings to the laboratory manager and/or Research & Development Team. The ideal candidate will have experience working under possibly hazardous conditions (e.g. pathogens or chemicals). They must be well-trained to maintain safety conditions and be passionate for doing work that makes things move forward. The goal is to optimize lab procedures and succeed in conducting analyses vital to support the development and sales of feed additives by BioMatrix International.

Primary job responsibilities/duties, but not limited to the following:

- Receive, label, and analyze samples submitted by customers, collected from research/field trials, and/or generated in-house
- Design and execute laboratory analytical procedures according to standard procedures; or develop and/or adapt standard procedures to meet analytical needs of BioMatrix International

SKILLS AND EXPERIENCES:

General skill and knowledge requirements:

- 4 years (minimum) professional experience

Education requirements:

- B.S. in Chemistry, Biology, Animal Science, or related field (minimum)
- M.S. in Chemistry, Biology, Animal Science, or related field (preferred)

Physical Requirements:

- Ability to lift 50 lbs
- Ability to work in office, laboratory, and farm environment

Responsibilities:

- *Laboratory Procedures:* Perform various standard experimental assays including chemical extractions, analyses via HPLC, general microbiological techniques both culture-dependent and culture-independent. Collect and analyze generated data.
- *Laboratory Maintenance:* Assist in organization and upkeep of laboratory supplies, workspace, and equipment. Sterilization of supplies and waste by autoclave. Develop standard operating procedures.

- *Animal Procedures:* Develop standard operating procedures for specimen collection from swine, poultry, and rodents in accordance with IACUC and ethical procedures/techniques. Assist with handling and collection of specimens from swine, poultry, and rodents.
- *Regulatory Compliance:* Support regulatory compliance efforts as instructed by senior leadership in accordance with IACUC, IBC, and OSHA protocols.
- *Teamwork:* Work independently and collaboratively in a fast-paced environment. Be able to successfully work with other BioMatrix team members in experiments and laboratory upkeep.
- *Communication and Reporting:* Keep detailed records of all activities, record these activities in SharePoint and laboratory notebooks. Provide weekly to bi-weekly updates of research progress to the Lab Manager, R&D Director, and R&D Team.
- *Quality Assurance:* Support Quality Team as determined by R&D leadership

Important Skills:

- Champion of BioMatrix International culture and values
- Passion for teamwork, immense energy, absolute integrity, an A+ attitude, great work ethic, and attention to detail
- Organized with strong written and verbal communication skills
- Familiarity with laboratory and research practices
- Demonstrate Good Laboratory Practice knowledge
- Robust initiative, passion for excellence and innovation
- Laboratory protocol development, especially related to HPLC
- SOP development, record keeping skills
- Familiarity with analytical chemistry procedures
- Broad range of microbiological skills
- Analytical software: Excel, SAS, JMP
- Well organized and an effective planner in use of resources while demonstrating flexibility; able to think ahead and plan over a 4 to 6-month span; uses time efficiently
- Demonstrated experience analyzing, interpreting, and presenting experimental data and developing reports
- Ability to travel approximately 15% of the time