

Vanessa E.A. Neale, BSc
**Senior Microbiology Laboratory Technologist/
Quality Coordinator**

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Responsibilities:

- Providing technical support to clients with respect to food safety and standards;
- Coordinating quality operations within the microbiology laboratory; maintaining SCC accreditation and ensuring all operations are carried out as per ISO requirements;
- Performing routine microbiological and chemical analyses using appropriate accredited methods;
- Ensuring that all laboratory and process equipment is maintained in good working order, standardized and calibrated as necessary;
- Preparing standards, reagents and solutions as necessary using the appropriate equipment;
- Developing new methods which include: performing literature reviews, reviewing scientific papers, and drafting methods;
- Comparing various methods ensuring that the most accurate and efficient methods are being utilized;
- Assisting in performing trials and analyzing resulting data;
- Monitoring and maintaining records of data generated in support of QA program;
- Coordinating and supervising on-site inspections by accrediting agencies;
- Conducting audits within the lab to assess compliance with the QA program.

University Education:

- Bachelor of Science Degree, major in Biology, from the University of Prince Edward Island.
- Principles of Food Science, University of Guelph, Distance Education
- Introduction to Food Microbiology, University of Guelph, Distance Education
- Principles of Food Chemistry, University of Guelph, Distance Education

Previous Employment:

- Chemistry Laboratory Technologist, Sample coordination, PEI Food Technology Centre (BioFoodTech)
- Laboratory Assistant: Agriculture Canada; Atlantic Veterinary College; University of Prince Edward Island

Languages:

- English and French