

## Job Description

**Job Title:** Research Scientist

**Terms of Employment:** Permanent, Full-time

## Company Background

Northernchem Inc., headquartered in Niagara Falls, Ontario, is a Canadian high-tech chemical and pharmaceutical company providing quality products and R&D with competitive pricing.

## Position Summary

### Essential Duties and Responsibilities:

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- Analyze, synthesize, purify, modify and characterize chemical or biochemical compounds
- Develop and conduct programs of analysis to ensure quality control of raw materials, chemicals intermediates or final products
- Conduct programs of sample and data collection and analysis to identify and quantify environmental toxicants
- Conduct research to discover, develop, refine and evaluate new products (nanomedicine, nanoelectronics)
- Conduct fundamental and applied research into synthesis and properties of chemical compounds and the mechanisms of chemical reactions
- Investigate chemical aspects of the mechanisms of drug action
- Participate in interdisciplinary research and development projects working with chemical engineers, biologists, organic chemists

## Qualifications

- Masters or Ph.D. degree in Chemistry, Biology, or related fields is required
- Advanced knowledge of modern analytical techniques (NMR, HPLC, MC) and structure elucidation
- Must demonstrate awareness of safety practices required for working with hazardous chemicals
- Excellent interpersonal skills and ability to work efficiently and productively in a highly dynamic team environment
- Effective problem-solving skills
- Preference for application will be given to veterans, to Canadian citizens, and to permanent resident, in that order

- Mandarin language is an asset

**Benefits:** Medical, group insurance, short/long term disability, dental care, health care, and vision care

**We thank all applicants for their interest; however, we will only contact those that best meet our needs and qualifications.**