



**We are hiring one (1) experienced and organized Natural Product Development Scientist** to join our growing business focused on making high value food, nutraceutical, cosmetic and pharmaceutical products from fish, farm and forest (the 3 F's) "wastes".

***About 3F Waste Recovery:***

We are a Newfoundland-based company working hand-in-hand with local fishers, farmers and foresters to extract premium quality, sustainable and natural ingredients from their by-products. We're focusing on products manufactured from the extraction of marine collagen and unique proteins from Atlantic Cod. All our products are ethically sourced from the skins, fins and bones of the Newfoundland & Labrador fishery.

The fish, farm and forest industries of Newfoundland & Labrador all produce waste (or 'by-products', as we prefer to call it). Sadly, it all ends up in landfills or dumped back in the sea or forest. That is simply unacceptable in an era of economic sustainability and environmental stewardship.

At 3F, we apply traditional as well as new and innovative manufacturing solutions to transform harvest waste into marketable products. For example: shells, fins, bones and skins of locally sourced fish and shellfish can be processed into high-value ingredients found in everything from vitamins and supplements to cosmetics and pharmaceuticals.

Our goal is to become the national leader for natural resource and environmental stewardship, full product utilization and manufacturing innovation.

**Job Description**

As part of the Product 3F Waste Recovery Scientific team, this role will help explore new technologies and new markets for sustainable, renewable raw materials from the fish, farm and forestry industries. Working with protein from marine sources, fatty acids and bio lubricants. The work is very cross-functional and feeds into a portfolio of new business opportunities. We're putting a lot of focus on consumer products, so consumer research, and some market analysis are a big part of what you'll be involved in, along with prototyping, business model creation, and

vendor/partner coordination. The pay rate for this position is \$22.50 - \$25.00 based on experience of 35 hours per week.

### **Education, Skills and Physical Requirements**

- Experience in biochemistry is preferred.
- Bachelor's degree in Chemistry, Biochemistry, Material Science, or like field.
- Previous experience in a similar role is an asset, but not essential.
- Must have a "roll-up your sleeves" approach, be highly analytical and forward-thinking.
- Requires the ability to do simple to complex calculations.
- Able to conduct experiments with solid scientific methods.
- Able to analyze and communicate data and results.
- Enthusiastic about business and sustainability.
- Minimum of 4 months experience in independent research (internships, university working with a supervisor, etc.).

### **Duties and Responsibilities include, but are not limited to:**

- Advise on product tests, performance and QA-related.
- Develop new green methods with guidance.
- Analyze data and share results.
- Prepare prototype formulations, research and development
- Develop content and materials for campaigns, and other digital marketing efforts, aimed at improving customer knowledge and education of sustainable products, ingredients and their benefits
- Support consumer testing programs and data analysis.
- Applied organic and analytical science
- Interpretation of the influence of natural products in the body.

Contact us today at [contact@3fwasterecovery.ca](mailto:contact@3fwasterecovery.ca) to apply for this position!