

## **JOB POSTING – PILOT PLANT OPERATIONS**

### **Position: Pilot Plant Assistant Manager/Lab Assistant**

**Company Background:** Alter Biota is a Canadian cleantech start up company using their patent-pending process for producing specialty bio-graphene additives from renewable biomass feedstock.

**General Description:** Highly motivated individual who has a passion for development of specialized bio-graphene products for industry. Candidate will possess broad technical knowledge around analytical chemistry, data analysis, and optimization. Candidate will be skilled in critical thinking and problem solving and be independent, practical and hands on in this regard.

**Primary Job Functions:** Support operations of benchtop and commercial pilot plant under various process conditions to produce bio-graphene dispersion products with responsibility for carrying out advanced physical and chemical analytical program with in-house resources.

### **Required skills:**

- Analytical chemistry, including laser diffraction, thermogravimetry, FTIR spectroscopy, Raman spectroscopy, XRD
- Data analysis (minimum Excel, ideally Python, SQL, etc.)

### **Desired skills:**

- Understanding of machine learning concepts, nanomaterials, spectroscopic analytical techniques
- Quality management

**Experience:** Product research and development experience will be considered an asset.

**Education:** Bachelor's degree in chemistry, chemical engineering, or engineering chemistry is a minimum requirement.

**Work status:** Full time

**Location:** Sydney, Nova Scotia

**Reporting:** Direct to CEO

**Compensation:** Commensurate with experience

**Contact:** Send CV and cover letter to [info@alterbiota.com](mailto:info@alterbiota.com) by June 14<sup>th</sup>, 2021.