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Chemical Synthesis Laboratory Technician

Synthose Inc. is a premier manufacturer of carbohydrates and glycoconjugates serving the chemical, biochemical, pharmaceutical, and bio-energy industries. Our products are highly-pure fine chemicals used in R&D labs worldwide. They include carbohydrate reagents and building blocks, synthetic reference standards of natural compounds and human metabolites, as well as custom-synthesized molecules.

We are seeking an experienced chemical synthesis laboratory technician to assist with our ongoing production. The ideal candidate will demonstrate proficiency in synthetic lab processes as well as great attention to detail.

Location: Concord, Ontario

Responsibilities

- Assist the senior chemists in all areas of bench chemistry, including:
- Setting up reactions (equipment, reagents), monitoring by TLC, work-up and extraction
- Column chromatography, including preparing solvent systems and monitoring by TLC
- Crystallization, distillation (including high vacuum)
- Purity control: melting point, refractive index, TLC
- Operation of gas tanks equipped with flow regulators
- Maintenance of laboratory equipment (vacuum pumps, rotary evaporators, stirrers, etc.)
- Cleaning of laboratory glassware
- Safe handling of materials and equipment up to 30kg / 70lbs

Qualifications

- BSc degree in chemistry or biochemistry, or degree in a closely related field with hands-on experience in a chemical synthesis laboratory
- Experience with chromatographic separations is desirable
- Proven experience with chemical reactions, work-up and purification of compounds
- Proficiency in safe handling of gas tanks and operation of laboratory mechanical equipment
- Demonstrates strong knowledge of lab safety standards, including handling of hazardous materials and safe waste disposal procedures
- Highly detail-oriented, diligent, and adaptable
- Able to assist with multiple projects at the same time
- Very good communication in English

Qualified candidates should send a resume by email to admin@synthose.com, to the attention of Dr. Eva Goss, Senior Scientist.