



Position: Associate Chemist

Company:

Stony Creek Colors is the fastest growing manufacturer of natural indigo globally, serving fashion brands as well as an artisan community of dyers. We partner with leading denim mills and dyehouses to bring consistent and scalable natural colors into industrial use. Our dyes empower fashion brands like Patagonia, Wrangler and Lucky Brand with a trusted and transparent supply of biobased color. Our alternative crops like natural indigo improve profitability and ecosystem health for farmers, while empowering designers, brands, and mills with greater transparency and traceability. Our customers are the world's leading fashion and personal care brands and their suppliers. These brands need reliable and renewable products with transparent supply chains as they transition to the bio-based economy. Our next generation products will fuel clean color innovation in verticals such as cosmetics, personal care, and food.

Job Description:

Stony Creek Colors manages all aspects of the natural indigo supply chain – from seed genetics, to crop production, to chemical extraction, to supporting industrial dyers and developing new applications. At Stony Creek Colors, the Associate Chemist's role is to support the daily research, analysis, and quality control activities for research/chemistry, agriculture, and factory process teams. During the harvest season, this primarily involves performing routine plant extractions and indigo product analysis. In the off season, this often involves dye tests, chemical synthesis and analysis, and data analysis. Expect to be active and hands-on in gathering and preparing samples, designing and constructing experiments, working with factory equipment, and dyeing fabrics.

Primary Responsibilities:

- Perform routine laboratory plant extractions and analyses to support agricultural research activities, factory processes, and technology development
- Support Research Chemists in executing laboratory experiments as required to support and/or validate factory process operations
- Support Research Chemists in executing research projects (e.g. new extraction method, new IP development, product piloting, equipment/process piloting, etc.)
- Maintain detailed Laboratory Notebook, documenting experiments, procedures, outcomes, exceptions and other pertinent information
- Maintain accurate and up-to-date indigo extraction and sample analysis databases
- Present research findings to R&D team on a weekly basis
- Maintain assigned laboratory equipment (calibration, maintenance, cleaning, etc.)
- Maintain adequate stocks of necessary laboratory and processing supplies
- Maintain clean and safe chemistry laboratory environment

Qualifications

Basic Qualifications:

- Bachelor's Degree in Chemistry or directly related field. 3+ years of laboratory work experience may substitute for degree
- Minimum 4 semesters of chemistry laboratory classes
- Familiarity with basic chemistry laboratory and analysis equipment (e.g. UV-Vis spectrometer, fluorometer, etc.)
- Comfortable working in a dynamic environment
- Comfortable working outside of traditional wet lab chemistry tasks, including working with plant material, dyeing fabric samples, assisting in ag research experiments, etc.
- Ready to work in indoor and outdoor agricultural or processing environments (i.e. outside of the chemistry lab, in hot and cold outdoor conditions) when required
- Comfortable working in cross-functional teams that may include factory process engineers, agricultural researchers, customers, or outside collaborators
- Able to track/report progress on multiple tasks and follow through to completion
- Able to prioritize competing tasks logically
- Detail-oriented; methodical in approach to troubleshooting and resolving issues
- Able to maintain a clean and safe working environment

Preferred Qualifications:

- 1-3 years industry experience in quality assurance/quality control or chemical production environment
- Undergraduate research laboratory experience (academic)
- Analytical and organic chemistry lab experience (academic)
- Experience (academic or professional) with natural products chemistry, color chemistry, biochemistry, food chemistry, organic synthesis, or dyes and textiles
- Experience (academic or professional) with enzymes, dyes, fragrances and flavors, pharma- or food-grade production facilities, and organic syntheses
- Experience with plant extractions
- Hands on experience with plants (e.g. farming, gardening, etc.)

Compensation:

SCC's Associate Chemist position is a full-time, salaried position. Part-time candidates will be considered if required. Compensation commensurate with experience.

To Apply:

Please submit cover letter and résumé to jobs@stonycreekcolors.com with "Associate Chemist" in the subject line. This is a full-time position to be filled as soon as possible and applications will be reviewed on a rolling basis until position is filled. This job will be based at SCC's research and production facility in Springfield, TN.

SCC is a growing company with a policy of equal opportunity and non-discrimination in employment. We are committed to providing a safe and inclusive work environment, with opportunities for growth and professional development.