



Company: Kula Bio

Location: Natick, MA

Position title: Fermentation Technician

Schedule: Full Time

Employee status: Regular

Organization:

Kula Bio is a leader in sustainable nitrogen solutions, helping farmers improve crop yield and reduce environmental impact. We make a cost-competitive biofertilizer that boosts a naturally occurring process to deposit meaningful amounts of nitrogen in the soil.

We are looking for a passionate, highly motivated, and experienced professional to join our Manufacturing group at Kula Bio. The candidate will work in a dynamic and diverse team environment to support the manufacturing of Kula Bio microbial products by operating production-scale fermenters as well as the continuous improvement of fermentation processes. This person will provide hands-on support for operating and maintaining state of the art fermenters as well as other supporting instruments. In addition to day-to-day manufacturing activities, we expect the candidate to have problem solving skills as well as the ability to keep track of productivity targets and maintain product quality in line with regulatory compliance and customer needs. We are looking for an individual with a pioneering attitude and capable of wearing multiple hats to get the job done.

Duties:

- **Ensure a safe working environment at all times to prevent any injuries and accidents.**
- Setup, operate and clean production-scale fermenters and accessories.
- Perform bacteria growth medium preparation, fermenter inoculation and sampling applying standard aseptic techniques.
- Correctly, accurately, and safely handle and measure chemicals and cleaning aids for CIP/SIPs.
- Monitor, record, and report fermentation progress using key fermentation performance indicators.
- Harvest product from fermenters under aseptic conditions.
- Support management manufacturing consumables inventory to maintain continuous operations.
- Support preparation of microbial inoculum.
- Support the commissioning, validation of new fermenters, as needed.
- Support product shipping activities, as needed.
- Ensure that production outcomes are delivered against targeted commercial metrics and milestones.
- Work closely with Quality Team for timely processing of samples and taking follow-up actions based on sample analysis.

Qualifications

- Degree in Biochemical Engineering, Fermentation Biotechnology, Microbiology or related fields
- Bachelor's Degree or equivalent education and 5 years of relevant industry experience or Master's with 3 years of relevant industry experience.

Essential Skills & Abilities

- Expert with industrial scale fermenter operation is a must.
- Experience with fermenter harvesting and bottling of biologicals in an industrial setting is essential.
- Experience working with microbes and applying aseptic techniques in manufacturing.
- Experience with biological product packaging for commercial use.
- A good understanding of microbiology and biochemical principles of fermentation is essential.
- Demonstrated ability to learn quickly and work with minimal supervision.
- Must have the ability to work in teams, communicate technical concepts clearly and be independently motivated.
- Ability to use Microsoft Windows operating system, including Excel, Outlook and Word.
- Strong attention to detail and compliance to industry, environmental, health and safety standards.
- Position requires ability to perform work area maintenance activities including area organization, chemical handling and chemical replenishment.
- Track record of quality work.
- Strong work ethic and consistent attendance.
- Strong attention to detail.

Kula Bio has implemented a mandatory COVID-19 vaccination requirement for all employees. This will be a condition of employment.

At Kula Bio, we work and live by our shared values of Innovation, Intellectual Honesty, Balance and Integrity. Our values are guiding principles to developing best in class biological products and enable farmers a cost-effective technology. For more details, please visit our company site www.kulabio.com.

If you are interested in this job, please email your resume and cover letter to admin@kulabio.com.