

Job Title: Bioprocess Engineer Fermentation
Reports to: Senior Fermentation Scientist

Native Microbials is a growing biotechnology company based in San Diego, CA.

About Native Microbials

Native Microbials is a leader in advancing the animal health and nutrition industry through advanced science. Harnessing a proprietary technology platform that decodes the microbial ecosystem in and on animals, Native is able to create and deliver world-class products for animals, from animals. With headquarters in San Diego, Native Microbials maintains multiple field and production operations worldwide. Visit [NativeMicrobials.com](https://www.NativeMicrobials.com) to learn more.

The Position and You: Native Microbials is seeking a Bioprocess Engineer with experience in fermentation process development and contract tolling. Our proprietary technology identifies novel microbes with the potential to profoundly impact animal health and productivity. A key component of this technology is a scalable fermentation, formulation and stabilization process, which the Bioprocess Engineer will be responsible for implementing at manufacturing scale.

Primary Responsibilities:

- Identify and secure additional fermentation manufacturing partners in North America.
- Collaborate with other functions to manage pipeline of incoming and processed fermentation experiments.
- Support the design, implementation and sustainability of the manufacturing process from feasibility through scale-up and commercial manufacturing.
- Working with the fermentation research team to design, execute, and analyze bench scale experiments to de-risk the scale up of fermentation processes for Native Microbials' novel microbial isolates.
- Transferring and support of production processes at contract manufacturing site(s).
- Identifying and implementing opportunities to improve commercial processes to reduce cost of goods sold and enhance product quality.

Required Qualification and Experience:

- A B.S. in Chemical, Mechanical, or Biological Engineering + 5 years experience or an advanced degree 2 years experience in fermentation process engineering.
- Familiarity with US food/feed GMP and FSMA requirements is preferred
- Excellent understanding of microbiology is required.
- Proven skill and experience in microbial fermentation scaleup and scaledown methods
- Demonstrable aptitude in automated fermentation data acquisition and visualization
- Proficiency in statistical data analysis with programs like JMP or similar software
- Experience with managing CMO relationships is required
- Excellent interpersonal and communication skills

- Previous experience with downstream unit operations such as filtration, centrifugation, spray drying, and freeze drying is preferred.
- Experience with aerobic and obligate anaerobic strain cultivation processes is a plus.

Other Requirements:

- May be required to travel up to 25% of the time.
- Should be capable of walking, bending, and prolonged sitting and/or standing during work hours.

Job is located in San Diego, CA. Relocation will be considered.

Native Microbials Biosciences is an Equal Opportunity Employer