

Job Description

Job Title:

Lead Scientist – Research & Development

Job Summary:

The Lead Scientist – Research & Development participates in the development of new products, product processes and test methods. This position is responsible for performing testing during process development and collaborating with various functional areas to facilitate scale up and process development. The Lead Scientist – Research & Development writes technical research and laboratory reports detailing protocols, calculations, results, observations and conclusions. The position is responsible for writing and executing method validation protocols and reports, as required.

Essential Duties and Responsibilities:

- ✓ Performs standard and complex recrystallizations and lab scale purifications as directed
- ✓ Develops and performs lab scale chemical synthesis as directed
- ✓ Performs the necessary bench scale reactions and solubility studies for the development of new products or processes
- ✓ Performs pilot scale manufacturing to support scale up of new manufacturing processes.
- ✓ Develops and executes protocols, as assigned by management
- ✓ Creates project protocols and reports to support new product research and development
- ✓ Maintains clean work environment
- ✓ Performs tests using more complex instrumentation
- ✓ Performs testing on raw material, in-process, & finished good samples when applicable
- ✓ Documents all data in corresponding laboratory notebook and files documentation according to approved SOP
- ✓ Prepares transfer of technology documentation to support process development in production scale manufacturing.
- ✓ Performs pilot scale manufacturing to support scale up of new manufacturing processes.
- ✓ Disposes of all chemicals safely
- ✓ Executes protocols, as assigned by management
- ✓ Assist with sourcing of raw material for new products
- ✓ Assists with developmental batches of new products in conjunction with production
- ✓ Other duties may be assigned as deemed appropriate by management

Qualifications:

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily.

The requirements listed below are representative of the knowledge, skill, and/or ability required.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- ✓ PhD, Master's Degree with 2 year's work experience, or Bachelor's degree with 10 years work experience. Educational degree in Life Science, Chemistry or a related field, an educational equivalent or approved and documented equivalent experience
- ✓ Pharmaceutical industry work experience preferred
- ✓ Has an understanding of chemistry, Minimum 90 Day GLP and cGMP experience
- ✓ Knowledge of/coursework taken in analytical chemistry
- ✓ Knowledge of all products at BioSpectra

Physical Requirements:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is frequently required to stand or walk for long periods of time; sit; use fingers to make small equipment adjustments; reach with hands and arms; and talk or hear. The employee must regularly lift and/or move up to 10 pounds and occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this job include close vision, distance vision, ability to adjust focus, ability to distinguish color change, and the ability to use a computer for extended periods of time.

Working Conditions:

While performing the duties of this job, the employee occasionally handles hazardous chemicals. The employee is occasionally exposed to fumes or airborne particles. A medical evaluation/clearance is required to wear a respirator for specific production processes. The noise level in the work environment is occasionally moderate/high.

Work Hours:

The Lead Scientist – Research & Development is expected to work 40 hours per week and is a salaried position. Extenuating circumstances may require additional time for certain periods. It is widely assumed that displacement of hours and/or days will occur on recurring and non-patterned bases.

All BioSpectra job functions require the ability and willingness to work from the Stroudsburg, PA or Bangor, PA facility.