

**ESSENTIAL DUTIES & RESPONSIBILITIES:**

- Develop and Validation analytical methods for ophthalmic and injectable products.
- Perform advanced analytical assays of in-process, finished product, stability or raw materials, including method transfers. Complete daily verifications using various analytical instrumentation (HPLC, GC, FTIR).
- Perform analytical testing within expected timelines.
- Provide peer review of data obtained for compliance in accordance with specifications and report deviations to supervisor.
- Record detailed observations, tabulate, analyze, review, and interpret data from analytical tests using notebooks and various software programs.
- Assist with laboratory investigations.
- Maintain and review lab notebooks according to cGMPs and GLPs.
- Perform equipment troubleshooting, maintenance and minor repairs.
- Mentor and train new analysts.
- Accountable for maintaining an atmosphere of teamwork, cordiality and respect towards co-workers.
- Perform additional duties as assigned.

**KNOWLEDGE, SKILLS & ABILITIES:**

- Advanced knowledge and application of government regulations for drugs or medical devices including GMP, GLP and ICH and their application to laboratory processes.
- Hands on experience with USP, NF and extraction techniques.
- Knowledge of computer systems for sample tracking, laboratory equipment, raw data handling and storage.
- Effective written, including technical writing in support of government requirements and solid oral communication skills.
- Extensive experience in the operation of analytical laboratory instruments such as HPLC, FTIR, GPC, GC, and UV-Vis spectrophotometers.
- Ability to interpret, understand and follow advanced analytical procedures and calculations.
- Experience contributing to laboratory investigations.
- Experience preparing laboratory documentation, including qualification protocols and reports, and SOPs.

**WORKING CONDITIONS:**

- Laboratory setting. Will be exposed to solvents, hazardous waste, and pharmaceuticals.

## AR&D Chemist

## PENN LIFE SCIENCES

Department: Lab

FLSA Status: Exempt

Reports to: Group Leader

Location: 38 Cabot

- Must be adaptable to shifting priorities and operate with a sense of urgency while maintaining high quality in order to meet important timelines in a high throughput lab.
- Business demands may present a need to work extended hours.

### EDUCATION & EXPERIENCE:

- Bachelor's or Master's degree in scientific discipline, preferably in Chemistry or Biochemistry.
- 2 years (Master's) or 4 years (Bachelor's) of experience in an analytical laboratory position testing ophthalmic or injectable products.

**PHYSICAL DEMANDS:** While performing the duties of this job, the employee is required to walk, sit, and use hands to finger, handle or feel tools or controls, reach with hands and arms, balance, stoop, crouch, bend, talk and hear. The employee must lift and/or move up to 20 pounds. Specific vision abilities required by the job include close vision, distance vision, color vision, peripheral vision, and depth perception.

The job demands here are representative of those that must be met by an employee to successfully perform the functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. This job description is not intended and should not be an exhaustive list of all principal job elements essential for recruitment and selection, for making fair job evaluations and for establishing performance standards. The percentage of time spent performing the various job duties is not absolute. The incumbent, who has the right to amend, modify, or terminate this job in part or in whole. This document is not a contract for employment.