



Example of Process Development Scientist Job Description

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Our company is looking for a process development scientist. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for process development scientist

- Effectively communicates with clients and vendors
- Must have laboratory skills in protein purification and chromatography
- Support the characterization and purification of biologics via protein purification, filtration methods, and chromatography techniques
- Assist in the preparation of buffers and columns
- Contribute to planning and design of experiments, execution and analysis of data
- Maintain proper documentation of experimental results as per GLP standards within existing quality system
- Populate and maintain additional databases that support sample submission, data coordination, test scheduling, and inventories
- Interacts internally with Manufacturing, Engineering, Facilities, Validation, Quality Assurance, Quality Control, Project Management, and Materials Management groups
- Operate and maintain laboratory automation equipment (Tecan, Hamilton, Ambr15, Ambr250, CompactT, and/or HighRes Biosolutions) to support HTPD screening experiments
- Perform analytical testing, including cell-based assays, biochemical testing, and/or HPLC to support HTPD experiments, and participate in development of new assays as needed

Qualifications for process development scientist

- Exposure to the entire NPI platform from product definition to the final phase of product release
- Experience with protein analytical methods such as IEX, SEC, RP_HPLC, glycan analysis, UV spectrophotometry, preferred
- Minimum of MS degree in chemistry/material science/chemical engineering with 10 years of industry experience in process development or Ph.D
- Be well organized, have multi-task project experience, and be able to communicate and work well with other departments
- A degree in Chemical/Biochemical Engineering, Biochemistry, Biophysics or equivalent