

Job Description Physico Chemical Characterization

Principal Scientist / Associate Scientific Manager 1

Roles & Responsibilities

- Execution of experiments for analytical method development/ qualification/ transfer, in-process/ stability sample testing, biosimilarity analysis and for evaluation of new high throughput formats of testing using chromatography (HPLC/UPLC), electrophoresis / capillary electrophoresis, UV spectrophotometer, and other high-end analytical tools
- Record the experiment details (procedure, controls, analyses, and observation of the experiments) accurately and completely following good documentation practices in electronic laboratory notebook
- Communication of data to cross-functional teams, compilation of data for reports and participate in internal group meetings. Perform data trending on a regular basis.
- Prepare documents such as method development reports, protocols, instrument operation procedures, author change controls and deviations
- Perform literature survey of assays, support in experimental design based on historical data and troubleshooting of experiments
- Maintain equipment and instruments in coordination with instrumentation team and support installation of new equipment and prepare Equipment/Instrument operating procedures
- Regularly track inventory of consumables/ critical reagents and making sure they are ordered and follow-up of the ordered material and support in laboratory maintenance

Education

Degree in life sciences such as biology, biochemistry, biotechnology, analytical chemistry or closely related field

Required Experience

- Relevant experience in renowned biopharmaceutical companies
- Adequate experience in chromatographic techniques such as IEC, RP, SEC, HILIC etc for protein therapeutics. Experience in excipient analysis using ELSD, CAD and MS platforms preferred.
- Experience in handling instruments like HPLC, CE, UV spectrophotometer, SoloVPE, Octet, Maurice, Microplate Reader is desired.
- Ability to contribute towards experimental design, troubleshooting in a team environment.
- Experience analysing data using relevant instrument software and familiarity with statistical tools is desired
- Knowledge of ICH, WHO, USP guidelines for development, qualification, transfer, validation is desirable is essential and experience with electronic laboratory notebook system is desired.
- Ability to communicate ideas, concepts and be a team player