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# Example of Materials Scientist Job Description

Our growing company is looking for a materials scientist. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for materials scientist

* Communicate testing status and perform assigned analytical activities to support on-going projects
* B.S with 0-3 years of professional experience required and/or M.S with 0-2 years of professional experience required
* Experience in formulation or manufacturing of consumer/pharmaceutical products is highly preferred
* Experience with consumer products, such as skin care, skin cleansers, hair care, oral care, baby care and/or deodorant products is highly preferred
* MS Office (Word and Excel) proficiency and solid presentation skills are required
* Experience working with raw material suppliers or raw material manufacturing and testing is preferred
* Support life cycle management of materials used in the clinical and commercial supply chain including technical assessment of supplier-initiated and CMO-initiated changes
* Manage and improve Material Qualification process in close collaboration with partners in procurement, quality and technical operations
* Develop raw material specifications, , cell culture media, chromatography resins, excipients and adjuvants
* Review and implement industry and regulatory requirements for raw materials, , ICH guidance

## Qualifications for materials scientist

* Design and implement risk assessments for raw materials with suppliers and support internal efforts for identification and control of Critical Material Attributes
* Support enhanced characterization and data analysis, , latent variable statistical models
* In close collaboration with API and DP technical teams, formulate characterization plans to advance understanding of raw materials in manufacturing processes and formulations including, design, execution and/or lead designed experiments in support of raw material qualification
* Ensure the proper and timely preparation of technical reports
* Demonstrated leadership in providing technical and scientific integration of activities and delivering information across multifunctional groups and sites including external suppliers and CMOs is required
* Demonstrated competency and experience in development and management of raw materials specifications including compendia testing is preferred