

Job Description

Department	Process Engineering
Position	Research Associate / Research Scientist
Reports to	Particle Sciences Team Leader – Process Engineering
Location	Hyderabad, India

Key Responsibilities

- To be aware of the project scope that s/he is working on.
- To design, plan and conduct crystallisation experiments skilfully, generate relevant analytical data and interpret the same.
- To observe and record observations meticulously and in a timely manner in Electronic Lab Notebook (ELN).
- To share and discuss the observations and data with supervisor.
- To give scientific inputs during the course of the project.
- To work closely with colleagues from Process R&D and Process Engineering as part of project Cross-Functional Teams (CFTs) to ensure effective project delivery.
- To support scale-up batches with diligent observations, recording and updating the supervisor.
- To be independent in maintaining their fume cupboard and crystallisation equipment as per established lean/ 5S protocols, and setting up their experiments and analysis planning.
- In-depth, hands-on expertise and up-to-date knowledge of crystallisation development and/or polymorph & version screening.
- Learning agility in the utilisation of new laboratory technologies and approaches to support projects
- Deliver crystallisation processes for starting materials, intermediates and APIs to enable scale-up and supply from Kilo-Labs, pilot scale and manufacturing.

No. of Reportees	None
Qualification	M.Sc. Organic Chemistry or Pharmaceutical Sciences discipline.
Experience	0 to 6 years of experience in the Pharma industry, preferably with CDMO.

Key Competencies (Technical, Functional & Behavioural)

Technical & Functional:

- Good particle sciences and/or particle engineering experience – especially in the design of crystallisation processes for the scale-up of novel raw materials, intermediates and APIs.
- Demonstrated capability in practical laboratory techniques.

Behavioural:

- Good inter-personal skills – a team player.
- Positive Attitude with good attention to detail.
- Listening skills.
- Excellent communication (both written and verbal).
- Learning mindset - proactively upskills own scientific expertise.