

## **JOB DESCRIPTION**

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**ROLE:** Sr. Research Scientist (Solid Orals)

**SALARY AND BENEFITS:**

**REPORTS TO:** Manager - F&D

**LOCATION:** India

**TIME:** 12:00 pm – 9:00 pm

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### **PRIMARY RESPONSIBILITIES**

- ❖ Responsible for Formulation development of Oral solids and NDDS (Handling of modified release oral dosage form).
- ❖ Conducting Literature search and preparation of Literature Report.
- ❖ Participating in the Patent evaluation and making non-infringing formulation.
- ❖ Innovator product characterization and reverse engineering studies.
- ❖ Procuring raw materials, Formulation strategy making.
- ❖ Conducting API characterization, preformulation studies and preparing Prototype formulations.
- ❖ Evaluation of dissolution profiles and comparison with Innovator formulation.
- ❖ Evaluating trial batch results scientifically, accordingly planning for further experiments.
- ❖ Formula and Process Optimisation studies.
- ❖ Taking TT demo batches and scale up studies.
- ❖ Stability studies and Data interpretation.
- ❖ Documentation as per regulatory requirements (MFC, Specifications, Product Development Report, etc.)
- ❖ Monitoring validation batches in plant.
- ❖ Submitting samples for Bio-Equivalence studies and Evaluation of BE results.
- ❖ Co-ordination with other departments like ADL, Regulatory, Purchase, and product management for timely completion of projects.

### **ESSENTIAL EXPERIENCE, SKILLS AND ABILITIES**

- ❖ 4-6 years of experience in formulation development & technology transfer of solid oral and modified release oral dosage form.
- ❖ Knowledge of ICH, US & EU guidelines for generic drug product development.
- ❖ Candidates with hands on experience in QbD & DoE will be preferred.