

1 Overview

Research and development of products including reverse engineering of pioneer product formulations and formulation development of new products. Contribution to analytical method development and validation. To develop new product formulations, line extensions of existing products and reformulation of current products for improved efficacy and/or new product claims.

2 Qualifications

Degree qualifications in chemistry, pharmacy, food technology (rarely). Assoc diploma is not usually sufficient for this role, unless very experienced.

3 Salary Range

Permanent \$55,000 - \$75,000 pa

4 Previous Positions

- Stability (rarely)
- Technology Transfer
- Process Improvement

5 Industry Background

- Pharmaceutical
- Animal Health
- Cosmetics
- Personal Care
- Food
- Contract Manufacturer

6 Career Progression

- R&D Manager
- Technical Manager

7 Typical Responsibilities

- Research and investigate formulation chemistry and prepare formulation briefs for approval
- reverse engineering of pioneer products
- Conceptualise, plan and develop innovative formulations
- Contribution to the design, testing and introduction of efficient and compliant manufacturing processes
- Develop practical stable formulations of new and generic products
- Preparation of product development reports
- Effectively utilise R&D and commercial-scale equipment and instrumentation
- Successfully troubleshoot formulation, equipment and processing problems
- Contribute to QA initiatives including process validation, certification, audit
- Contribution to analytical method development and validation
- Develop and deliver the company's GMP induction and ongoing training programs as required
- Contribution to submission and management of product development expenditure forecasting
- Timely pilot batch manufacture
- Contribute to process validation
- Involvement in handover of new products from development phase to production