

GMP in formulation development

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GMP is a step towards total quality which requires commitment from entire organization including formulation development group. The important aspects of a product for example, the establishment of specifications, the standards, the test methods are generated by the research and development. The proper designing of a product plays a very important role to prevent the potential problem and GMP applied during formulation development is a mechanism to produce quality results. Good manufacturing practice with good development practices is a perfect combination to maximize manufacturing efficiency and product quality.

The research and development group plays an important role to prevent generating an unsuitable data or unsuccessful scale up process. A perfect recipe of the product how to make and what to use is the information provided by the formulation development group. The formulation development group considering the important aspects of GMP during the early stages like standards of raw materials, documentation, change control, equipment, analytical testing can indeed provide an excellent end result. GMP applied to formulation development fills the gaps from initial to commercial scale- up by tracking the most often problems such as documentation, changes to raw materials or critical steps. GMP applied to formulation development is a business tool to refine compliance and performance of the company. It is worth to control the foundation to determine the quality of product which in turn serves as a preventative system for error or product failure.

Biography

Gurpreet Kaur has completed Master of Science from Bhopal University. She has over 14 years of experience in the Quality Assurance and Quality Control area in both cosmetic and pharmaceutical Industry. She also has experience in the development of OTC products, stability programs, production and auditing.

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