

Pharmaceutical Pellets and Granules – Manufacturing Plant Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost And Rev

Description:

The word “Pellet” has been used to describe a variety of systematically produced, geometrically defined agglomerates obtained from diverse starting materials utilizing different processing conditions. Pellets range in size, typically, between 0.5 – 1.5 mm, though other sizes could be prepared. Pellets are for pharmaceutical purposes and are produced primarily for the purpose of oral controlled-release dosage forms having gastro resistant or sustained-release properties or the capability of site-specific drug delivery. For such purposes, coated pellets are administered in the form of hard gelatin capsules or disintegrating tablets that quickly liberate their contents of pellets in the stomach. As drug-delivery systems become more sophisticated, the role of pellets in the design and development of dosage forms is increasing. Formulation of drugs in multiple-unit dosage forms, such as coated pellets filled in capsules or compressed into tablets, offers flexibility as to target-release properties. The safety and efficacy of the formulation is higher than that of other dosage forms. Solid dosage formulation and design usually involves a series of compromises, since producing the desired properties frequently involves competing objectives. The correct selection and balance of excipients materials and processes in a solid dosage formulation, to achieve the desired response is not in practice easy to achieve. Pellets are of a great interest to the pharmaceutical industry for a variety of reasons. Palletized products not only offer flexibility in dosage form design and development, but are also utilized to improve the safety and efficiency of bioactive agents. Pellets range in size, between 0.5 to 1.5.

For more details download PDF file

Keywords: Pharmaceutical Pellets and Granules, Detailed Project Report, Profile, Business plan, Industry Trends, Market research, survey, Manufacturing Process, Machinery, Raw Materials, Feasibility study, Investment opportunities, Cost and Revenue, market, Project, consultancy, services, entrepreneur, India, Technologies, feasibility study, Identification, Project Feasibility, Profitable, Industrial, Pre-Investment, Pre-Feasibility Studies, Techno-Economic

Created At: 05 May, 2016