

# Pharmaceutical, Bulk Drugs and Medicine Manufacturing Industry (Production, Formulation, Quality Control: Tablet, Paracetamol, Antibiotics)

## Description:

India is already among the top six producers of pharmaceuticals of the world. The Government of India has made tax breaks available to the pharmaceutical sector and a weighted tax deduction of 150 per cent for any R&D expenditure incurred. This is in league with Indian Government's Pharma Vision 2020 which aims at making India a global leader in end-to-end manufacture by 2020. India is home to 10,500 manufacturing units and over 3,000 pharma companies. India exports all forms of pharmaceuticals from APIs to formulations, both in modern medicine and traditional Indian medicines. Globally India ranks among the top exporters of formulations by volumes.

For the majority of firms in this industry, the actual manufacture of drugs is the last stage in a lengthy process that begins with scientific research to discover new products and to improve or modify existing ones. The R&D departments in pharmaceutical and medicine manufacturing firms start this process by seeking and rapidly testing libraries of thousands to millions of new chemical compounds with the potential to prevent, combat, or alleviate symptoms of diseases or other health problems.

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**Keywords:** Pharmaceutical, Bulk Drugs and Medicine Manufacturing Industry, Pharmaceutical Production, Pharmaceutical Formulation, Pharmaceutical Quality Control, Tablet, Paracetamol, Antibiotics, Pharmaceutical and Medicine Manufacturing Industry, Pharmaceutical and Drugs, Polymeric Materials used in Drug Delivery Systems, Mixed Emulsifiers and Emulsifying Waxes, Tablet Lubricants, Picoline to Nicotinic Acid, Conversion of Quinine to Quinidine, Beeswax, Extraction of Virginiamycin, Anthracycline Antibioti

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