

Download Powder Technology And Pharmaceutical Processes Handbook Of Powder Technology

Air that is not saturated with water (low RH air) has the capacity to pick up and hold more water until it becomes saturated. The principle of drying is that dry air comes into contact with food and absorbs some of the moisture from the food. Granulation is the process of forming of grains or granules from a powdery or solid substance, producing a granular material. It is applied in several technological processes in chemical and pharmaceutical industry. Typically, granulation involves agglomeration of fine particles into larger granules, typically of size range between 0.2 and 4.0 mm depending on their subsequent use. In the pharmaceutical industry, particle characterization of powder materials has become one of the crucial aspects in drug product development and quality control of solid oral dosage forms. A tablet is a pharmaceutical dosage form. Tablets may be defined as the solid unit dosage form of medicament or medicaments with suitable excipients and prepared either by molding or by compression. It comprises a mixture of active substances and excipients, usually in powder form, pressed or compacted from a powder into a solid dose. The excipients can include diluents, binders or granulating ...