Current Trends of the Supercritical Fluid Technology in the Pharmaceutical, Nutraceutical and Food Processing Industries

About the eBook

Supercritical fluid technology can be seen as a green and environmentally friendly alternative to conventional methods. The eBook presents reviews on related topics in a single cover.

Contents

- Introduction to Supercritical Fluids: Basic Principles and Applications
- Applications of Supercritical Expansion Processes for Particle Formation
- Supercritical Anti-Solvent Micronization: Control of Morphology and Particle Size
- Particles from Gas-Saturated Solutions and Related Methods for Particle Engineering
- Fundamentals and Modeling of Supercritical Precipitation Processes
- Supercritical Fluid Impregnation for the Preparation of Controlled Delivery Systems
- Supercritical Antisolvent Fractionation of Plant Extracts
- Mathematical Modelling of Supercritical Fluid Extraction

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