**Industrial Scale Natural Products Extraction**

**Description:** Covering the latest technologies in process engineering, this handbook and ready reference features high pressure processing, alternative solvents and processes, extraction technologies and biotransformations – describing greener, more efficient and sustainable techniques. The reader is provided with an expert account of engineering details ranging from lab-scale experiments to large-scale industrial designs. The major focus is on the engineering aspects of extraction with organic and supercritical solvents, ionic liquids or surfactant solutions, and is supplemented by aspects of both up- and downstream processing, biotransformation, as well as a survey of typical products in food, pharmaceutical and cosmetic applications. Chapters on market developments, economic considerations and regulations requirements give the reader the complete picture of the field. Authored by experts from leading industrial and academic institutions, this is essential reading for the hands-on scientist and office manager alike.

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