

Supercritical Fluids Purification for Medical & BioPharma Devices: Ensuring Stringent Purity Levels

The Phasex Advantage

Gain access to four decades of supercritical fluids (SCFs) proprietary extraction expertise when partnering with Phasex, the world's most experienced SCFs company. Phasex has performed thousands of feasibility studies and toll processing projects and is ready to apply that learned experience to your opportunity.



Supercritical Fluids Technology Services for all Markets

[Feasibility Studies](#) • [Contract R&D](#) • [Toll Processing](#) • [Technology Licensing](#)

Helping Customers in Medical/BioPharma Industries:

- Purifying medical devices of leachables and residual raw materials
- Developing an extraction process to preserve product integrity and morphology
- Engineering a scalable purification process
- Reduce or eliminate the harsh and toxic solvents currently used in typical extractions

Why Phasex

Phasex's proprietary supercritical CO₂ extraction process helps:

- Ensure the highest product purity
- Minimize contamination
- Maintain structural integrity of original materials

Serving the Medical/BioPharma Market

Phasex works with established medical and biopharma companies to develop an SCF extraction process to meet the most stringent purity levels in customers' devices. Supercritical fluids extract toxic residues and residual monomers for the purification of medical products.

Increasingly stringent regulations have created the need for purer products in the medical industry. Some of the diverse applications we have processed via SCF are listed below.

- **Polymeric medical devices**
- **Tissue scaffold purification**
- **Topical or cosmetic ingredients**
- **Surgically implanted hip and joint replacements**
- **Filters for biopharma applications**



phasex

We're here to provide the exact professional guidance you need in developing a process to purify your medical and biopharma devices.

What can we do for you?

Contact us today to begin the conversation.

Contact Us

info@phasex4scf.com

(978) 794-8686

125 Flagship Drive
North Andover, MA 01845