

ENJOY LIFE

in the

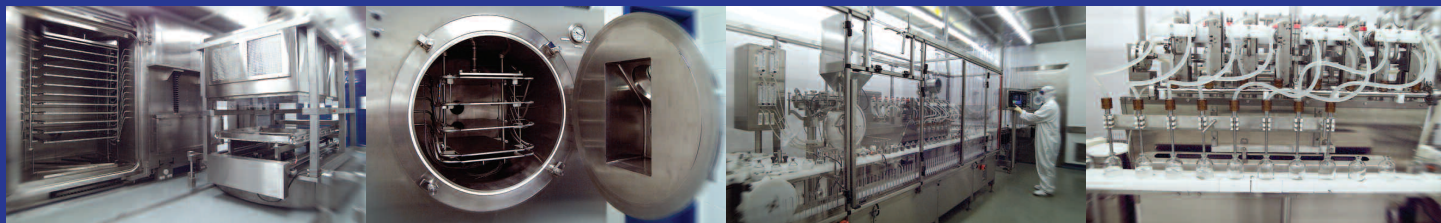
Fast Lane

From Ophthalmology to Oncology

For more than **60 years**, Akorn has specialized in the development and commercial manufacture of sterile liquid (parenteral and ophthalmic) solutions, sterile lyophilized products, and sterile ointment dosage forms. Akorn is committed to developing long-term strategic alliances with our clients, while providing world-class, full-service development, analytical, microbiological, regulatory, and manufacturing services with quality and **speed**.

MANUFACTURING CAPABILITIES

- ▶ **Sterile Ophthalmics**
- ▶ **Sterile Liquid Injectables**
- ▶ **Sterile Lyophilization**
- ▶ **Oncology**
- **Formulation Development**
- **Analytical Method Development and Validation**
- **Pilot Scale to Large Volume Production**
- **Technology Transfer**
- **Regulatory and QC Support**
- **Stability Study Management**
- **Terminal Sterilization**
- **2° to 8° Celsius Cold Storage Coolers**
- **DEA Controlled Substance CII-CIV**



FOR MORE INFORMATION PLEASE CALL CONTRACT MANUFACTURING AT 847.279.6165

- ▶ **60+ years of development and manufacturing experience with sterile pharmaceutical products**
- ▶ **Services for the pharmaceutical and biotechnology industries**
- ▶ **Pilot scale to large volume production**
- ▶ **Technology transfer**

CONTRACT DEVELOPMENT SERVICES

- Formulation development
- Analytical method development and validation
- Pilot production and clinical supply manufacturing
- Pilot scale to large volume production
- Stability studies management

COMMERCIAL SERVICES

- Exhibit through commercial batch manufacturing
- Process and product validation
- Stability studies management

SPECIALTY SERVICES

- DEA controlled substance handling CII-CIV
- Packaging and labeling from clinical supplies to commercial product
- 2° to 8° Celsius cold storage coolers

STERILE OPHTHALMICS

- 10,000 square feet of capacity
- Solutions 6 mL to 30 mL
- Ointments
- Gels

STERILE LIQUID INJECTABLES

- 55,000 square feet of capacity
- Aseptic filling/terminal sterilization
- Vials 2 mL to 100 mL
- Ampules 1 mL to 20 mL

STERILE LYOPHILIZATION

- State-of-the-art facility
- 10,000 square feet of new capacity
- Cycle development and optimization
- Automated loading and unloading capabilities
- High speed filling capability for 2 mL to 100 mL vials

ONCOLOGY

- State-of-the-art facility
- Aseptic filling/terminal sterilization
- Vials 2 mL to 60 mL

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