



CANTRELL DRUG COMPANY

Out-sourced Pharmacy Compounding Services

PCAB Accredited Pharmacy
U.S.P. Standards Compliant
D.E.A. Registered Manufacturer

- Custom Admixture Services
- Pain Management Admixtures
- High-risk Sterile Compounding
- Custom Small Volume Parenterals
- Non-sterile Compounding
- Research Dosage Preparation
(Sterile & Non-sterile)



Company Background

Established in 1952, Cantrell Drug Company has a long and successful history amidst many changes in the field of pharmacy. President and Chief Pharmacist, "Dell" McCarley P.D., has led the privately owned and operated corporation to become one of the nation's most advanced compounding companies.

Cantrell Drug Company's level of excellence is achieved by a dedicated team of licensed Doctors of Pharmacy and Certified Pharmacy Technicians, utilizing state-of-the-art equipment and facility.

Cantrell Drug Company, a recognized leader in interventional pain management and high-risk sterile products, provides clinics, hospitals, and surgery centers with custom pain management pharmaceuticals, admixture services, research preparations, and other custom compounding services in both sterile and non-sterile dosage forms. All products are compliant with new U.S.P. Standards <797> and <795>.

U.S.P. <797> <795> Compliant

- Accredited by Pharmacy Compounding Accreditation Board
- On-site representative
- Multi-state licensed
- Registered DEA Manufacturer
- Pharm D. Quality Control Director
- Rapid Scan Sterility Testing for real-time results
- Sterility test on EVERY lot compounded
- Barcode verification of ingredients with formula database
- Analytical balance integration with software for verification of weights
- Routine Quantitative Analysis Validations
- Documented Quality Control Program
- Tamper resistant packaging
- Ultraviolet protective packaging
- Absolute compliance with DEA Regulations
- Major hospital affiliations for sterile product compounding
- University of Arkansas Medical Sciences College of Pharmacy teaching site
- University of Arkansas Pharm. D. "industrial pharmacy track" cooperative educational partnership under development





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Pain Management Product Listing

Epidurals

Fentanyl Citrate	Hydromorphone
Bupivacaine	Ropivacaine

PCA Vials (Hospira®)

Hydromorphone

Deltec Cassettes®

Hydromorphone	Morphine
Bupivacaine	
Other medications and combinations upon request	

Prefilled Elastomerics

Approved Outsource Pharmacy for I-Flow Corporation

On-Q PainBuster Post-Op Pain Relief System®	
On-Q C-Bloc Continuous Nerve Block System®	
Bupivacaine	Ropivacaine
Other medications and combinations upon request	

Intrathecal

Baclofen	Bupivacaine
Clonidine	Droperidol
Hydromorphone	Fentanyl
Meperidine	Methadone
Morphine	Prialt
Ropivacaine	Sufentanil
Tetracaine	Other products available upon request

Other Admixtures & Services

Cardioplegias	Oxytocin
Midazolam	Irrigation Solutions
Custom Formulations	
Research Preparations (vials, syringes, lyophilization, capsules, solutions, suspensions)	

Small Volume Parenterals

Hydroxyprogesterone Caproate
Sulphan Blue Injection
Trypan Blue Injection
Custom Formulations

Products sealed tamper resistant and UV protected



Cantrell Drug Quality Assurance

U.S.P. <797> Compliant

Our Quality Assurance Program focuses on compliance with USP Guidelines on Pharmaceutical Compounding - Sterile Preparations, as well as recommendations from ASHP (American Society of Hospital Pharmacists) and NABP (National Association of Boards of Pharmacy). Accredited by PCAB - See report @ www.pcab.org

Compounding Personnel

- Licensed Doctors of Pharmacy
- Certified Pharmacy Technicians
- American Society of Health System Pharmacists Aseptic Training
- Validation of Technique
- Routine Microbial Monitoring of Garb and Gloves
- Ongoing Documentation

Clean Room Validation

- Certified Class 100 Rooms
- Routine Settle Plate Microbial Monitoring
- Routine Surface (Contact Plate) Microbial Monitoring

Compounding Environment

- Independent Certification Class 100 (ISO 5)
- Clean Rooms 164 Square Feet of Laminar Flow
- 0.2 Micron HEPA Filtered Air; Positive Pressure ISO 5 Rooms
- Designated Sterile Product Laboratories
- Acrylic Coated Aluminum Walls & Ceiling Grids
- Fully Gowned Personnel

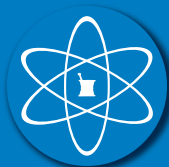
Product Testing

- Independent FDA Registered Lab and In-House Testing per USP Guidelines
- Sterility Testing Performed on 100% of Batch Lots
- Pyrogen
- Quantitative Analysis

DEA Registered Manufacturer

Cantrell Drug Quality Assurance U.S.P. <797> Compliant

As a licensed DEA Manufacturer, Cantrell Drug is authorized to compound and distribute controlled substances to DEA registered physicians and healthcare institutions for their office use and administration. All compounding and distribution is performed in strict compliance with DEA regulations. Both patient specific (via e-prescribing secure server) and anticipatory compounding are available.



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