

Cantrell Drug Company — Pharmaceutical **Outsourcing Specialists**

Our experience with cGMP focused policies and procedures along with carefully designed facilities, equipment, training, and testing provide confidence to our customers in the quality of our services.

CEO: Dell McCarley, Pharm D.

President: Mike Pierce

Founded: 1952 Employees: 100 +

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Company Background

Established in 1952, Cantrell Drug Company has a long and successful history. Amidst many changes in the field of pharmacy, Cantrell Drug Company has remained committed to a standard of quality that exceeds current compounding standards. Innovation and investment in cutting-edge technology at Cantrell Drug Company is evidenced by being the first in the industry to utilize a Rapid Microbiological sterility testing technology. Cantrell Drug Company is now in the process of being the first in the industry to implement an automated Closed Vial filling system from Aseptic Technologies. Our commitment to quality is readily apparent from our completely autonomous and independent Quality Assurance Department, as well as being the only company in the industry to list our labels with the FDA, and one of the first sterile compounders to register as a 503B with the FDA.

Product Overview

Cantrell Drug Company is an FDA registered 503B Human Drug Compounding Outsourcing Facility that specializes in providing customized IVs, OR syringes, epidural preparations, PCA syringes, and drug shortage solutions with the highest level of quality. Product lines are compounded under a comprehensive quality system model that supports and sustains robust quality systems consistent with cGMP-focused regulations. Cantrell provides sterile and non-sterile compounded preparations that meet the needs of patients, physicians, clinics, and health care institutions. Cantrell retains state licenses nationwide, a DEA manufacturing license and an FDA registration. When you need quality, service, and experience - trust Cantrell Drug Company.

Drug Shortage Solutions

Drug shortages are occurring at historic rates. Shortages lead to increased cost for pharmacies to meet patient and physician needs, and much of the financial impact is felt in acute care divisions. Cantrell Drug Company offers compounded solutions to many of these shortages. We provide a weekly update to our customers, informing them about new and high demand shortage solutions. We give our clients a way to "fill in the gap" during their time of need for hard-to-find preparations.

Cutting Edge Technology

Cantrell Drug Company was the first to adopt Rapid Microbiological sterility testing. We are once again leading the way in safety and quality as we become the first human drug compounding outsourcing facility to implement Aseptic Technologies' Crystal[®] Closed Vial Technology. This technology was designed to increase patient safety by vastly reducing the risk of contamination during the complex filling process used by sterile compounding pharmacies and outsourcing facilities. The new technology simplifies and reduces the risk associated with the glass vial filling process used by pharmaceutical manufacturers.

"This technology represents a revolutionary advance for Cantrell Drug Company, as well as for the sterile product industry in general," said Dell McCarley, Chief Executive Officer of Cantrell Drug Company. "We decided to invest in the Crystal Closed Vial Technology because of the high level of quality assurance it will offer to our customers in the hospital market and, by extension, the patients they serve."

Under the closed vial process, each vial will be assembled in a clean room and sterilized by gamma irradiation before being delivered, ready-to-fill, to Cantrell Drug Company. A Crystalrobotic system in a SKAN isolator fills each vial by piercing the elastic stopper with a special needle, delivering the liquid, and quickly resealing the opening with the zap of a laser. Vials are covered with a specially designed cap, which health care providers eventually open, to withdraw the sterile medication and administer to patients.