

Which is Sterile?



**Are You
Willing to Wait
14 Days
to Find Out?**

Laser Scanning Cytometry

Immediate Test Results
Accurate down to 1 microbe

vs.

Standard Sterility Testing

14-Day Testing
Accurate down to 100 microbes

Ask Us About Laser Scanning Cytometry

Laser Scanning Cytometry Provides Same Day Results

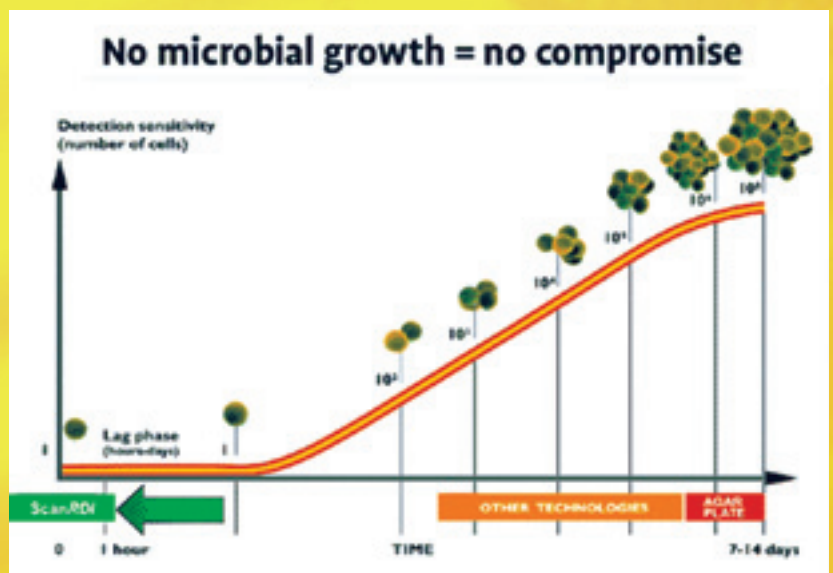
With its unique combination of speed and sensitivity, ScanRDI represents a revolution in microbial detection. Using laser, fiber-optic, robotic, and microscopic technology to detect down to ONE microbe, the results can be delivered in less than 90 minutes for bacteria and fungi. Even spores, stressed cells and fastidious organisms can be detected within 90 minutes. Product is known to be sterile upon release!

With standard sterility testing, sterility cannot be confirmed until after 14 days. Also, two broths or growth mediums must be used: TSB – Tryptic Soy Broth (for aerobic microbes) and FTG – Fluid Thioglycolate (for anaerobic microbes).

Did you know that most pharmacies will only **random test** their intrathecal? Even if one tests every intrathecal with broth, sterility is still not determined until after 14 days. What risks are you willing to take during the waiting period?

HOW WOULD YOUR INTRATHECAL SUPPLIER ANSWER THESE QUESTIONS?

- Do you test for sterility?
- Do you test EVERY intrathecal for sterility? Or, do you random test?
- Do you use tests for both aerobic and anaerobic? How?
- Do you use continuous monitoring/recording devices for incubators?
- Do you observe for growth on a daily basis? Is this recorded?
- Do you use a positive control?





The unique combination of key performances with laser scanning cytometry

- From sampling to result within 90 minutes
- Sensitivity down to one microbial cell in a sample
- Sensitivity independent from the volume filtered (large volumes can be tested)
- No cell multiplication required
- Direct detection of bacteria, yeast, molds & spores
- Direct cell count removes the need for operator calibration and interpretation
- Linear response from 1 to 10E5 cells for bacteria and 1 to 10E4 for yeast & molds
- Non-destructive test protocol permits microscopic confirmation
- Robust and easy to use
- 21 CFR 11 compliant
- Full traceability

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. All sterile products are compliant with new 2004 U.S.P. Standards for high-risk products.

Intrathecal Pain Management Services

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).

As a licensed DEA manufacturer, Cantrell Drug compounds and distributes controlled substances to physicians and health care institutions for their office use and administration. All compounding and distribution is performed in strict compliance with DEA regulations.

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



CANTRELL DRUG COMPANY

7524 CANTRELL RD.
LITTLE ROCK, AR 72207
WWW.CANTRELLDRUG.COM
501.666.2020 • FAX 501.666.8962
TOLL FREE 1.877.666.5222

