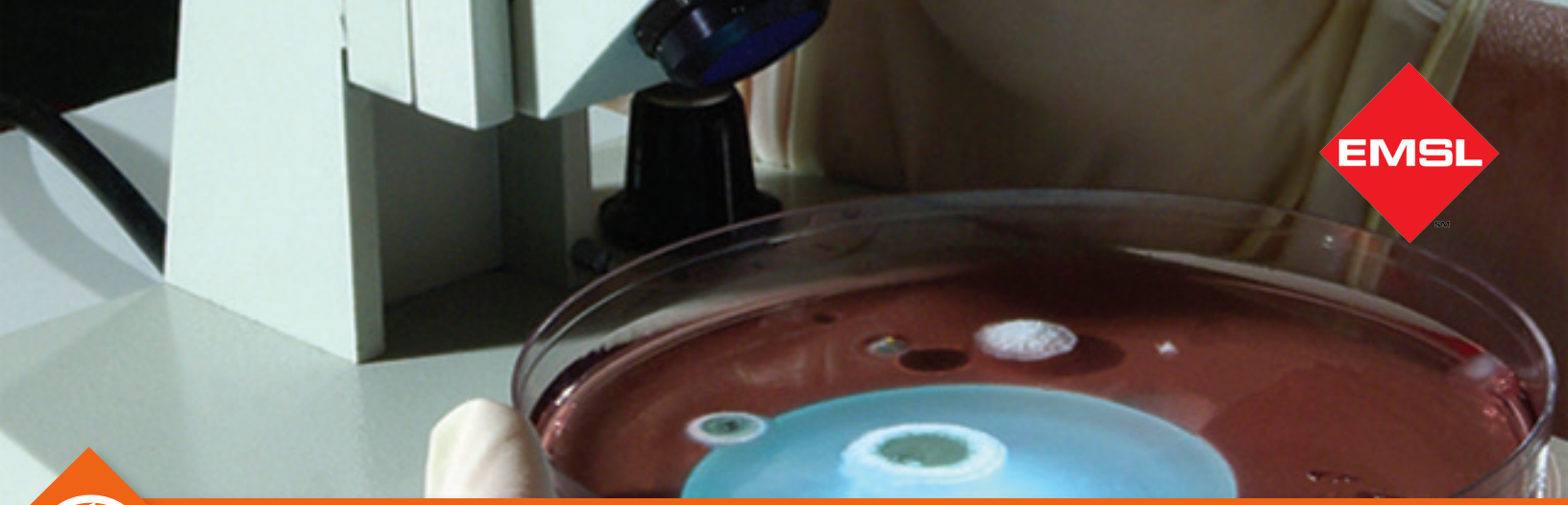

Microbiology Special Projects Division

About Us

EMSL Analytical, Inc. is a full service analytical testing laboratory, which has been providing microbiology, materials, forensic, industrial hygiene, indoor air quality, environmental, and chemical analysis services since 1981.

Our experienced staff of PhD scientists, technical professionals and our continuously expanding roster of analytical instrumentation are increasingly called upon by clients to solve problems, answer questions, and respond to a wide spectrum of challenges from their customers, partners, and internal operations.

Our project scientists can design and implement a testing program that accomplishes your specific goals. We often function as “virtual resources” to our clients, complementing their own capabilities.

In addition, we have successfully provided failure analysis and comparative product performance evaluations for a wide range of clients. Our technologists work closely with your people to devise efficient and economic test strategies, methods, and matrices.

Microbiology Special Projects Division

We do a variety of testing for all different types of industries such as plastics, textiles, coatings, disinfectants , UV devices, and lumber. We follow the most up to date methods by ASTM, AOAC, AATCC and USP.

Our team of trained microbiologists can also assist you with custom method or product development that your company may need.

Contact the Microbiology Special Projects Division at EMSL Analytical, Inc. to turn our capabilities into effective solutions for your business.

Methods Routinely Performed

- ASTM E2180: Determining the activity of incorporated antimicrobial agent(s) in polymeric or hydrophobic materials
- ASTM G21: Determining resistance of synthetic polymeric materials to fungi
- ASTM 3273: Resistance to growth of mold on the surface of interior coatings in an environmental chamber
- ASTM D3273: Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber
- ASTM E2315: Time Kill Study for Antimicrobial Activity and Efficacy

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- ASTM E3135: Antimicrobial Efficacy of Ultraviolet Germicidal Irradiation Against Microorganisms on Carriers with Simulated Soil
- ISO 22196: Measurement of antibacterial activity on plastics and other nonporous surfaces
- ISO 27447: Test method for antibacterial activity of semiconducting photocatalytic materials
- AOAC 961.02: Efficacy of Germicidal Spray Products as Disinfectants
- AOAC 960.09: Germicidal and Detergent Sanitizing Action of Disinfectants
- AATCC 100: Assessment of antibacterial finishes in textiles
- AATCC 174: Antimicrobial activity assessment on Carpet
- AATCC 30: Antifungal activity assessment on textile materials
- Bactericidal and Fungicidal activity of disinfectants
- Antimicrobial effectiveness testing
- Minimum inhibitory concentration (MIC)
- Antibiotic susceptibility test (Kirby Bauer)
- And may more….

Products Tested and Industries:

Experienced with:

- Plastics
- Rubber and Polymers
- Coatings
- Paint
- Insulation
- Foam
- Adhesives
- Metal
- Wood and Lumber
- UV Lights and Devices
- Disinfection Technologies

Areas of Industry:

- Packaging
- Polymer manufacturing
- Building materials and insulation
- Textiles
- Pharmaceutical
- Plastics
- Sensors
- Paint and Coatings
- Cosmetic and personal care

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