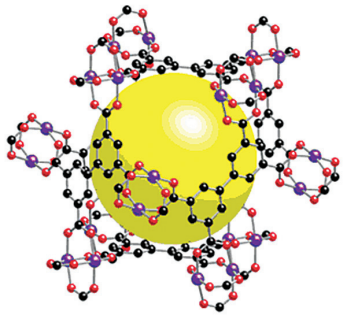
About Us

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.



Methods 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
- 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 many more…

Products Tested and Industries:

Experienced with:

- Plastics
- Rubber & Polymers
- Coatings
- Paint
- Insulation
- Foam
- Adhesives
- Metal
- Wood and Lumber

Areas of Industry:

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