Accelerated Technology LABORATORIES INC.

ATL helps Microban gain unprecedented productivity with Sample Master®.

Its ease of use and customization made migration to Sample Master a breeze.

Microban® International, Ltd
Charlotte, North Carolina
http://www.microban.com

> *Sample Master® Pro LIMS offers us the power and flexibility that our business demands, along with the ability to expand as we continue to grow.*
>
> - Duane Centola, Laboratory Manager, Microban® International

Company Profile

Microban® is the global leader in built-in antimicrobial product protection solutions for consumer, industrial, and medical products around the world. Microban technology inhibits the growth of microbes such as bacteria, mold, and mildew that can cause stains, odors, and deterioration of products, and can be engineered into a breadth of materials including polymers, textiles, coatings, paper, and adhesives.

Their Challenge

Microban has a matrix list of over 160 materials that are representative of their routine samples varying from liquids to powders, textiles to polymers of various compositions, ceramics to caulks and adhesives. Each of these materials may be tested according to one or more of 50 different microbiological or chemical tests. The typical lab throughput for microbiology and chemistry testing is approximately 3,000+ tests per month, requiring significant amounts of test data to be generated, reported, and tracked by material, project, and test type. Testing information is regularly reviewed by engineers within the various R&D departments and by senior management in order to assess the probabilities of success of projects and to spot trends indicative of successful development. Also, the sales department needs timely access to information relating to Microban clients' abilities to successfully implement antimicrobial technology into their products. These demands have led to the emergence of the Testing Laboratory as the single largest department in the company. Because of the large investment associated with the demands, there is a constant need to monitor the flow of samples within the lab, and identify areas for improved efficiency through more effective resource deployment.

Our Solution

Sample Master® Pro LIMS is enabling the Microban laboratory to achieve their commitment to generating high-quality data, improving turnaround time, and automating as many manual laboratory tasks as possible. Key advantages include responsiveness, ease of use, the ability to customize, and the ongoing support that ATL provides. The Data Entry interface is so simple and straightforward that chemists quickly learned how to use the software, resulting in rapid deployment. The microbiologists are enjoying unprecedented productivity in their test throughput by employing automated bacterial colony enumeration followed by data parsing with appropriate automatic calculations and reporting logic built into the parsers. With the judicious use of barcodes on the samples, test data is easily and quickly imported into Sample Master Pro with total accuracy. ATL also developed instrument output parsers for Microban's HPLCs, GCMS, LCMS, and two different bacterial colony counters.

Accelerated Technology Laboratories (ATL), headquartered in West End, NC, provides laboratory automation solutions to a variety of industries from analytical, environmental, food & beverage, water and wastewater, chemical, government, public health, clinical testing and manufacturing. ATL's LIMS products are installed in over 575 laboratories around the world, and supported by a steadfast commitment to excellence in product quality, support, and training. ATL is one of the few LIMS providers that is ISO 9001:2015 certified. For additional information, visit: www.atlab.com.

1043v1

Accelerated Technology Laboratories 496 Holly Grove School Road • West End, NC 27376
Phone: 800.565.LIMS (5467) • Outside US: 910.673.8165 • Fax: 910.673.8166 • atlab.com