BIOMÉRIEUX

Grow your cannabis business with more consistent, more efficient testing

Justin J.
Global Technical Manager
bioMérieux, Inc.

PIONEERING DIAGNOSTICS

Microbiology expertise yields higher standards

In a fast-growing industry where regulatory compliance is evolving, cannabis and hemp labs, producers and manufacturers need a trusted microbiology leader to protect their product quality and safety. Many commonly used testing technologies lack consistency, require significant hands-on time, robust science and are prone to human error. All of which can lead to a diminished reputation, lost product and lost profits.

A 50-YEAR HISTORY OF PROTECTING PUBLIC HEALTH

A worldwide leader in microbiological diagnostics for over 50 years, bioMérieux solutions are trusted by top food, beer, wine, and pharmaceutical industries around the globe. With industry-leading technology and microbiology expertise, bioMérieux helps cannabis and hemp industries enhance quality, product safety, and human health.

PRODUCTIVITY

Elimination of DNA extraction and sample purification reduces laboratory errors and technician hands-on-time.

PROFITABILITY

Improvements in accuracy and workflow reduces costly re-testing and increases confidence in results.

QUALITY

bioMérieux products are developed and manufactured to provide a high degree of regulatory compliance, robust science, and overall product quality.

Industry-leading science for safer cannabis and hemp products

PATHOGEN DETECTION TESTING WITH GENE-UP®

Fully validated to support the unique testing needs of the cannabis and hemp industries, GENE-UP delivers results in less than 24 hours, with minimal hands-on time.

- Bacterial contaminant detection made simple, fast, and flexible

- Intuitive interface with easy-to-use workflow

- *Aspergillus*PRO Assay is the most advanced on the market, with upfront speciation of *A. terreus, A. fumigatus, A. flavus,* and *A. niger*

- More accurate, more affordable testing improves margins and reduces repeat testing

- STEC/*Salmonella* harmonized protocol

- Simultaneous detection of STEC/*Salmonella* with GENE-UP PRO™ STEC / Salmonella

- Reduces sample prep and false positives and false negatives

PATHOGENS DETECTED

- *Aspergillus*
- *Salmonella*
- STEC
- *Listeria*

QUALITY INDICATOR TESTING WITH TEMPO®

Trusted around the globe, TEMPO automates quality indicator testing, with objective, easily interpreted results with consistency between different matrices, staff, and batches of product.

- Strong validation data for cannabis and hemp products

- Eliminates cumbersome, time-consuming sample preparation allowing lab staff to work on other value-added services

- Automated results and simple workflow improve accuracy, repeatability, and data integrity

- Provides traceability and an audit trail

- Enumerates quality indicator organisms, including total viable counts, coliform counts, *E. coli, Enterobacteriaceae, Staphylococcus aureus,* yeasts and molds
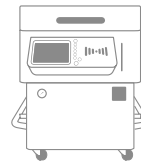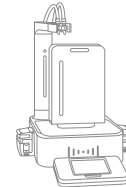
BIOMÉRIEUX

MEDIA & SAMPLE PREPARATION

Optimize your workflow—and get more out of your laboratory with advanced media and sample prep solutions.

- Ready-to-use media and diluents
- Automated sample preparation
- Reduce hands-on time and increase lab efficiency

MASTERCLAVE®   **DILUMAT®**   **BIOBALL®**

SMASHER®   **APS ONE**   **CULTURE MEDIA**

A COMPREHENSIVE OFFERING OF CANNABIS-VALIDATED TEST KITS

Pathogen Detection Testing

- *Salmonella*
- STEC (*Shiga* toxin-producing *E.coli*)
- *Aspergillus*, with upfront speciation of *A. terreus, A. fumigatus, A. flavus,* and *A. niger*
- *Listeria*

Quality Indicator Testing

- Yeast and Mold
- Coliforms
- Total Viable Counts
- *E. coli*
- *Enterobacteriaceae*
- *Staphylococcus aureus*

DATA INTEGRITY
- provides compliance
- fully automated traceability
- objective, repeatable results

PRODUCT QUALITY
- confident decision-making
- robust science
- strong brand reputation

EFFICIENCY
- optimize lab operations
- increase productivity
- assay harmonization

INVISIBLE SENTINEL®

bioMérieux, Inc. • 100 Rodolphe Street • Durham, NC 27712 • U.S.A. • Tel: (800) 634 7656
www.biomerieux-usa.com