

BIOMÉRIEUX

# DO LESS TO SAVE MORE

REVOLUTIONIZE USP TESTING

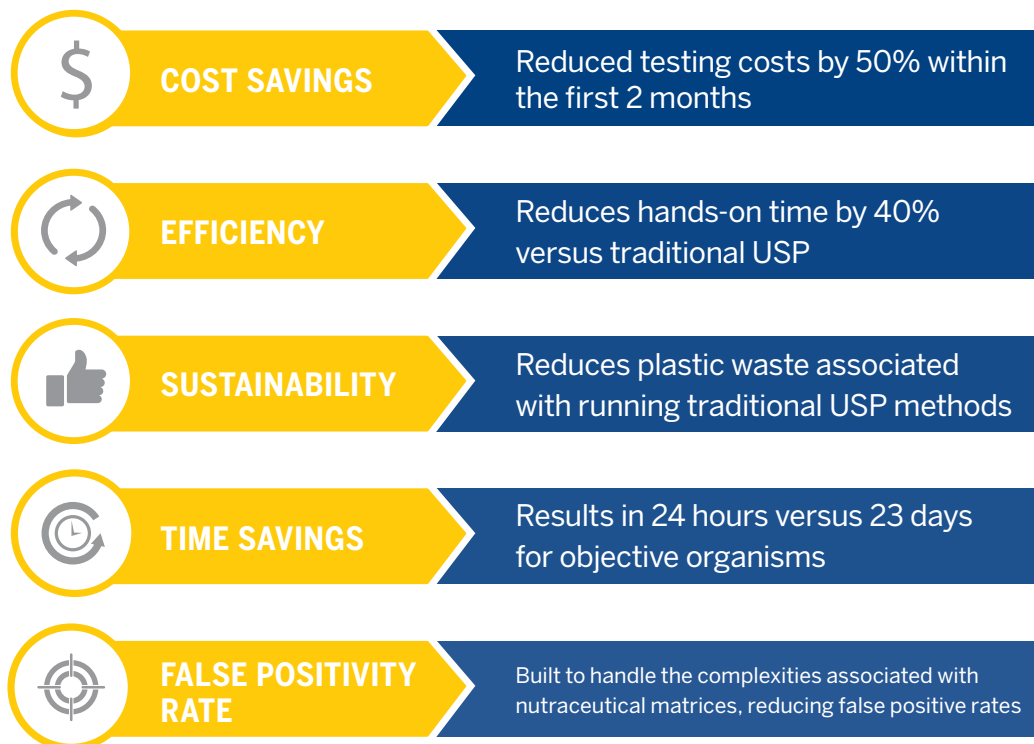


PIONEERING DIAGNOSTICS

# Consumer Safety = Brand Reputation

## REINVENTING HOW FACILITIES OPERATE

Common USP nutraceutical microbiology quality and safety testing methods in the industry are cost prohibitive, time consuming, and labor intensive. With more than 55 years of pioneering diagnostics, bioMérieux has reinvented how facilities operate with their comprehensive offering of microbiology solutions.



\*Benefit data collected by Herbalife using GENE-UP NUTRAPLEX PRO only.



# Simplified rapid methods for nutraceutical testing



Simultaneous Enrichment



Multiplex Detection



Automated Sample Preparation



Automated Enumeration

## INNOVATION IN PRACTICE

bioMérieux's innovative solutions were developed to combat the challenges of traditional microbial testing methods, providing a simplified, efficient way to perform USP <2021><2022> compliant testing.

## PATHOGEN DETECTION TESTING WITH GENE-UP®

Fully validated qualitative analysis for USP <2022>, demonstrating equivalency in performance to both USP and FDA BAM methodologies, GENE-UP delivers results in less than 24 hours, with minimal hands-on time.



- **Objective organism detection made simple, fast, and flexible**
- **Operational efficiency and user simplicity, resulting in significant time and resource savings**
- **Intuitive interface with easy-to-use workflow**
- **More accurate, more affordable testing improves margins and reduces repeat testing**
- **Reduces sample preparation and false positives and false negatives**



Reduces  
Costs



Streamlines  
Workflow



Demonstrated  
USP and FDA BAM  
Equivalence

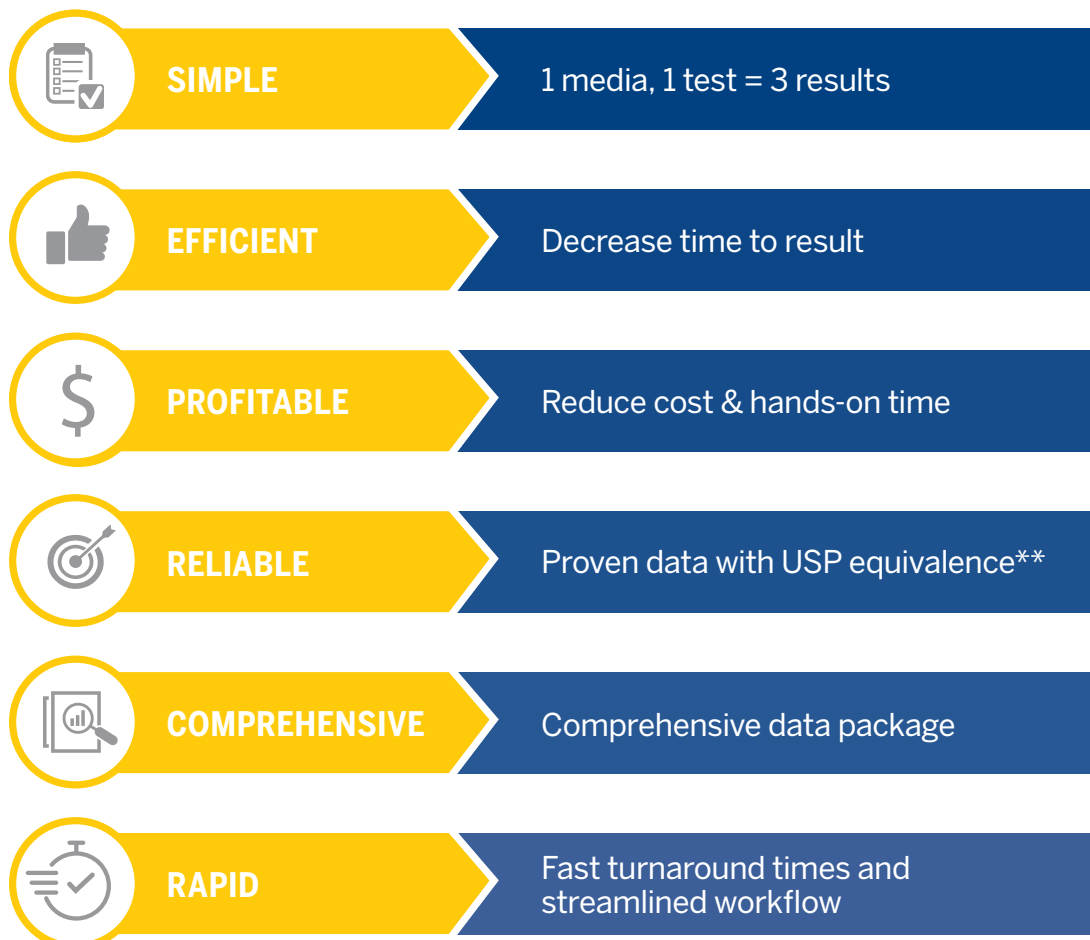


Profitability  
Increase

# Save time and reduce cost with simultaneous detection of *E. coli*, *Salmonella*, and *S. aureus* in 24 hours

GENE-UP® NUTRAPLEX PRO, developed in partnership with HERBALIFE NUTRITION, is a multiplex assay that simultaneously detects Escherichia coli, Salmonella spp. and Staphylococcus aureus from a single universal enrichment in 24 hours. NUTRAPLEX PRO meets the needs of USP <2022> across a wide variety of challenging nutraceutical matrices, while improving overall efficiencies.

## BENEFITS OF A GENE-UP® NUTRAPLEX PRO WORKFLOW



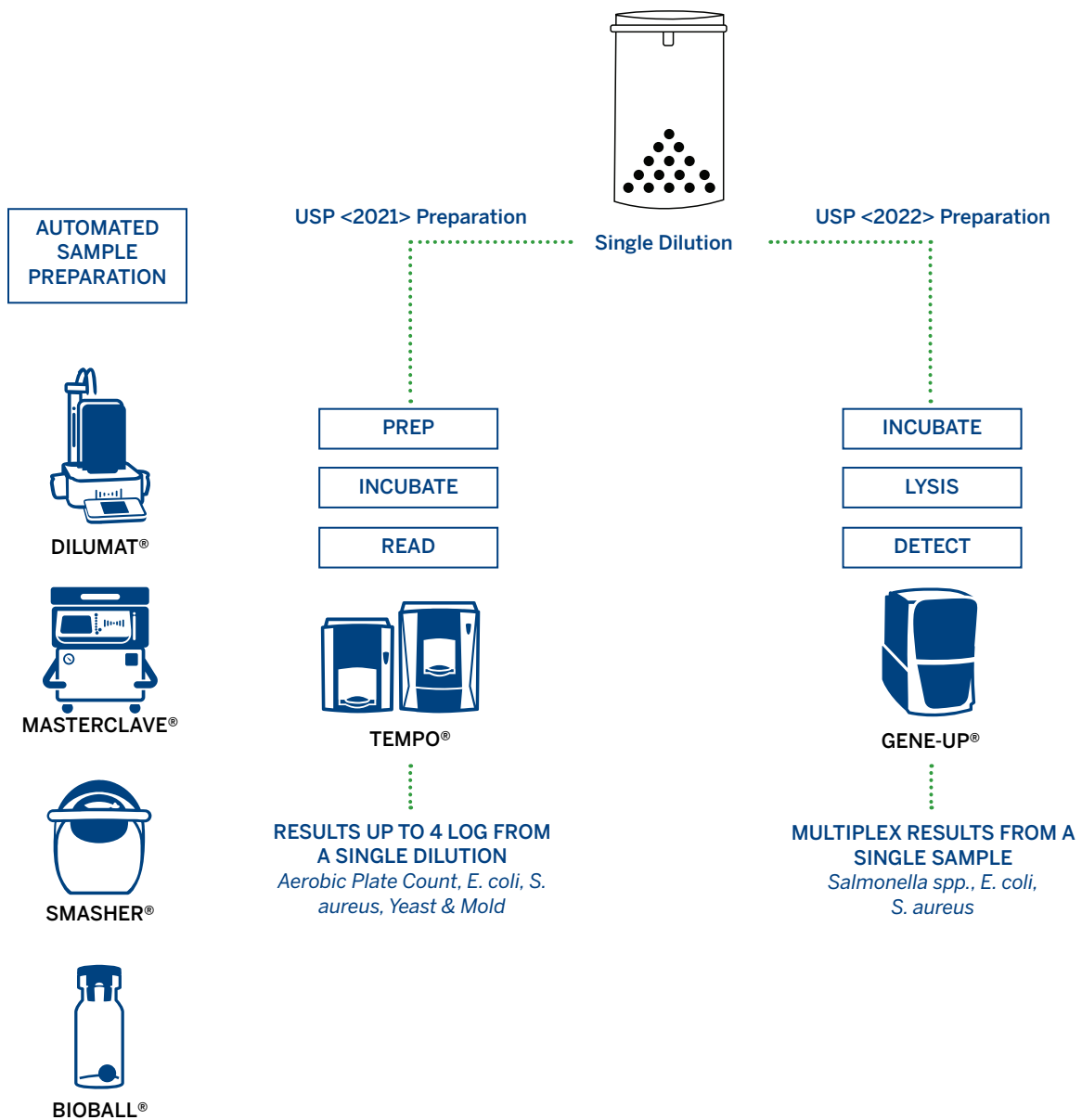
\*\*AOAC Performance Tested Method<sup>SM</sup>

## GENE-UP® ENVIROPRO™

Simultaneously detects Salmonella species & Listeria species from environmental swabs combined in to one tube for a cost saving, streamlined workflow.

- 24-hour enrichment
- Simplified data analysis
- Eliminates cumbersome DNA purification steps
- AOAC PTM validated method

## SAME SAMPLE, SAME BAG EQUALS PRODUCTIVITY



## QUALITY INDICATOR TESTING WITH TEMPO®

Trusted around the globe, quantitative analysis for USP <2021> with TEMPO automates quality indicator testing with objective, easily interpreted results with consistency between different matrices, staff, and batches of product.

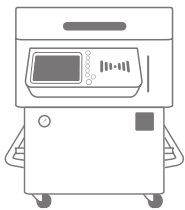
- **Robust validation data for nutraceutical products**
- **Eliminates cumbersome, time-consuming sample preparation allowing laboratory staff to work on other value-added services**
- **Single sample preparation for both pathogen and quality indicator testing**
- **Automated results and simple workflow improve accuracy, repeatability, and data integrity**
- **Provides traceability and an audit trail**
- **Enumerates quality indicators, including total viable counts, coliforms, *E.coli*, *Enterobacteriaceae*, *Staphylococcus aureus*, yeast and mold**
- **AOAC PTM validated method**



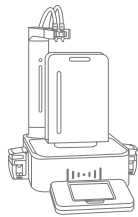
## MEDIA & SAMPLE PREPARATION

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

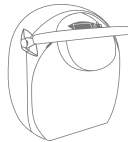
- **Ready-to-use media and diluents**
- **Automated sample preparation**
- **Reduce hands-on time and increase lab efficiency**



MASTERCLAVE®



DILUMAT®



SMASHER®



APS ONE



CULTURE MEDIA

## VERIFICATION

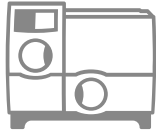
BIOBALL® delivers unprecedented accuracy and precision, bath after batch. A small freeze dried water-soluble Certified Reference Material containing a precise number of viable micro-organisms for Quantitative Quality Control.



## IDENTIFICATION CONFIRMATION



API®



VITEK® 2 COMPACT



VITEK® MS PRIME

## HAND-IN-HAND PARTNERSHIP



Streamlined Onboarding



Validation Support



Training and Rollout Support



World-Class Scientific Expertise



IQ/OQ/PQ



# Detect. Predict. Prevent.

**Ensure data security, easy maintenance resolution, and traceable record keeping with the bioMérieux set of data management tools, all from wherever you are at the moment.**

## VILINK®

Predict and Protect: VILINK® keeps your laboratory working via an intelligent instrument management system. Rapid and accurate diagnosis allowing quick maintenance and resolution of instrument issues to prevent major setback with nutraceutical testing, all of which can be done remotely.

- **Ensure continuous testing operations**
- **Troubleshooting and diagnostics**
- **Service instruments easily, contact-free, and outside of running/usage hours**

## CONNECT-UP™

Centralized and digitized data management, there to reinforce quality and secure your data. Ultimately, CONNECT-UP™ increases productivity & traceability with more reliable decisions being made during product release workflows.

- **Enhances laboratory quality management**
- **Improve data integrity & profitability**
- **Reduce human error to be Audit-Ready**

## ENVIROMAP®

ENVIROMAP® brings a suite of digital tools to enhance your Environmental Monitoring Program with digital, traceable, actionable data to improve your operation. Making decisions in real-time can help protect your brand, increase your efficiencies, and maximize your profits.

- **Date driven decisions - prescriptive corrective actions**
- **Result mapping**
- **Real-Time Out-Of-Spec Notifications**
- **Full Traceability**