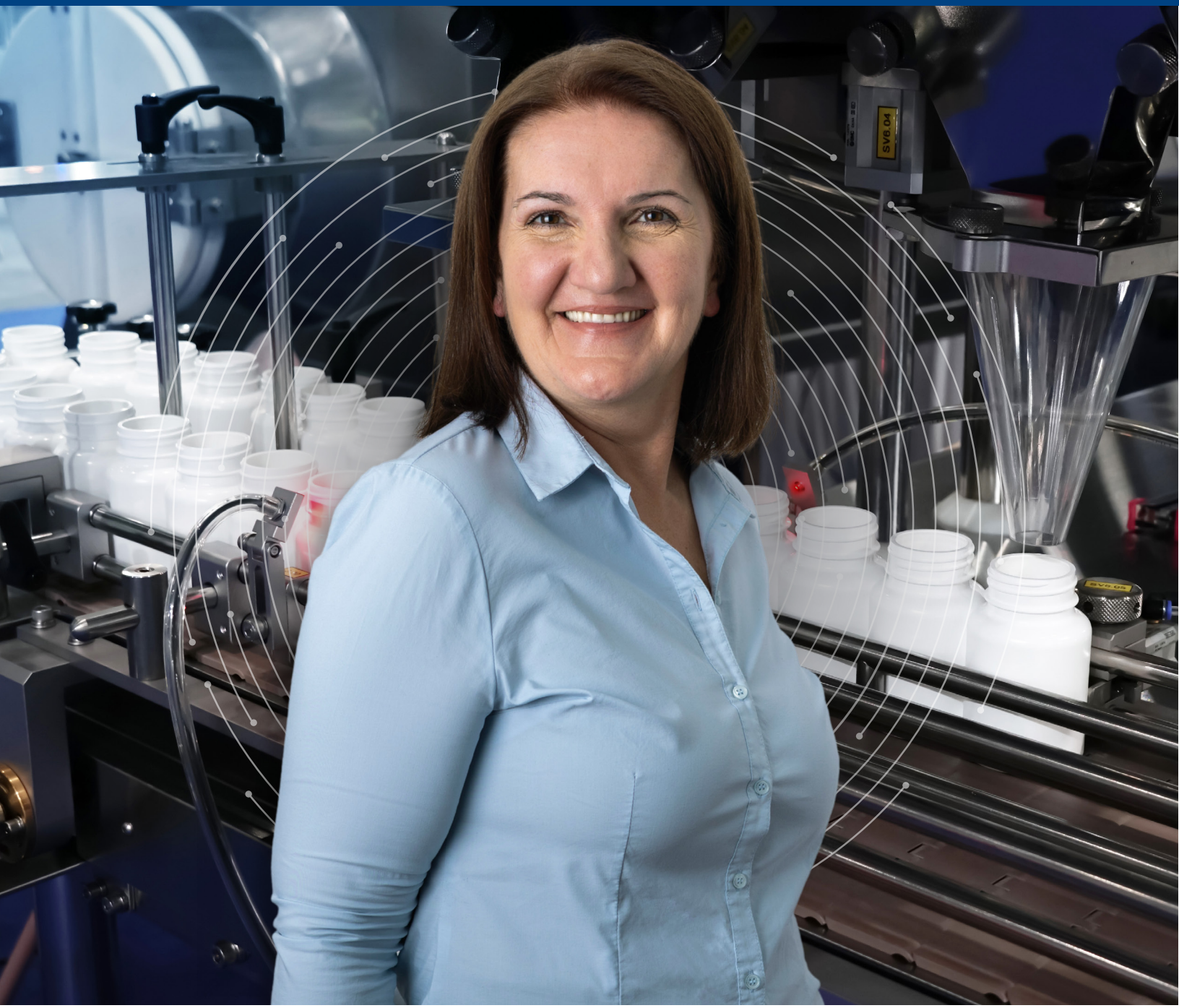
BIOMÉRIEUX

GENE-UP® NUTRAPLEX™ PRO

A Paradigm Shift in Microbial Quality Testing for Nutraceuticals



Your Trusted Partner in Augmented Diagnostics

PIONEERING DIAGNOSTICS



Simultaneous enrichment & multiplex detection

USP methodology is the industry standard for nutraceutical microbiology safety and quality testing. Traditional singleplex molecular assays are cost and labor prohibitive with less accuracy across the diverse range of nutraceutical matrices.

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.

HOW IT WORKS



SIngle enrichment

Transfer 20 µL to GENE-UP lysis tube – 5 minute mechanical lysis

Add 5 µL to PCR tube

Place in GENE-UP for ~2 hours 30 minutes

Accurate multiplex results

SAMPLE PREP: <10 MINUTES	PCR: 2.5 HOURS	ANALYSIS: 5 MINUTES

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

Nutraceutical products are inherently complex, making recovery and detection of microbial contaminants a challenge. The streamlined GENE-UP® NUTRAPLEX™ PRO assay enables faster operations, compared to traditional methods that are time consuming and labor intensive.



BENEFITS OF A GENE-UP® NUTRAPLEX™ PRO WORKFLOW

SIMPLE	1 media, 1 test = 3 results
EFFICIENT	Decrease time to result
PROFITABLE	Reduce cost & hands-on time
RELIABLE	Proven data with USP equivalence
COMPREHENSIVE	Comprehensive data package
RAPID	Fast turnaround times and streamlined workflow

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GENE-UP® NUTRAPLEX™ PRO

- Reduces costs
- Streamlines workflow
- Demonstrated USP and FDA BAM equivalence
- Profitability increase

ORDERING INFORMATION

IS1096	GENE-UP NUTRAPLEX PRO Kit	24 Assays
IS0375	EZ-Dry Nutraceutical Universal Media	1 Case
IS0374	Dehydrated Universal Media	2 Kg
ISTC007	GENE-UP Real-Time PCR System	1 Unit
414057	GENE-UP Lysis Kit	192/Kit



COMPLETE USP <2021> <2022> SOLUTIONS

GENE-UP NUTRAPLEX PRO

Qualitative Analysis for USP <2022> with GENE-UP NUTRAPLEX PRO

- Generic *E. coli*, *Salmonella*, *S. aureus*
- 1 media + 1 test = 3 results
- 24 hours

TEMPO®

Quantitative Analysis for USP <2021> with TEMPO® AC and YM

- Automated analysis for total plate count in 24 hours
- Automated analysis for yeast & mold in 72 hours
- Fully traceable, objective, efficient results
- AOAC Validated TEMPO YM (PTM 041001) AC (PTM 121204)

bioMérieux, Inc. • 401 N Michigan Ave • Chicago, IL 60611 • U.S.A. • Tel: (800) 634 7656 • Fax: (800) 657 3053
www.biomerieux.com