

BIOMÉRIEUX

BIOBALL®

Take Control of your  
Microbiological Quality Control



Your Ally in Advancing Quality

PIONEERING DIAGNOSTICS



# Protect your data integrity with repeatable accuracy and precision.

While the two words are often used interchangeably, accuracy and precision are two separate concepts in the scientific sense. Measurements close to a known value are accurate, whereas measurements close to each other are precise. When it comes to microbiological quality control, you need both—accurate results mean your tests are on target, and precise results mean they're repeatable every time.

BIOBALL standard strain products are Certified Reference Materials (CRMs), and include a certificate providing each unit's value and associated uncertainty, as well as a statement of metrological traceability.

## ACCURATE



## PRECISE



## EFFICIENT



## CONSISTENT



### **BIOBALL® delivers unprecedented accuracy and precision, batch after batch.**

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To ensure your method validation and growth promotion tests produce the correct results every time, BIOBALL® SINGLESHOT and MULTISHOT products precisely and accurately deliver a specific Colony Forming Unit number—batch after batch.

- Patented technology allows unprecedented accuracy in quantitative microbiological quality control
- Delivers greater precision with a reliable number of micro-organisms per ball
- Consistently delivers batch to batch and reduces risk of failed QC due to variability of inoculum

## As few as four simple steps to improved quality control.

Unlike other products on the market, BIOBALL® can be used straight from the freezer, which means no acclimatization period or heating of rehydration fluid. The proprietary lyo-protectant in BIOBALL® dissolves immediately when rehydrated, reducing hands-on time and improving lab efficiency.

-  1. Plate
-  2. Rehydrate
-  3. Spread, dry, & incubate
-  4. Enumerate

## Data integrity begins with reliable, repeatable testing.

The precise number of viable cells contained within each BIOBALL® leads to lower standard deviation and higher recovery rates compared to serial dilution—improving both accuracy and precision in quantitative microbiological quality control.



Test anytime—no need to defrost



MULTISHOT product stable for up to 14 days



All major pharmacopoeia strains available



In-house Isolates available in BIOBALL format

## BIOBALL® is effective for a wide range of testing applications, including:

- Growth promotion testing (nutritive properties)
- Method validation
- Antimicrobial/preservative efficacy testing
- Sterility testing
- Proficiency testing schemes

## BIOBALL® is available in:

- SingleShot 30CFU
- MultiShot 550CFU (50CFU per shot)
- HighDose 10K
- MultiShot 10E8
- BIOBALL In-house Isolates Service
- BIOBALL Select (you choose the strain and CFU)



## The People.

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With more than 50 years' experience in microbiological diagnostics, the people of bioMérieux understand the challenges manufacturers face when it comes to ensuring product safety and quality. Our development, scientific affairs, customer service, and support teams work hand-in-hand with our clients to create and implement groundbreaking solutions to everyday problems.

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## The Products.

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BIOBALL® was created by two scientists in Sydney, Australia who launched BTF during a public water-supply crisis in response to the need for precise microbiological reference samples. bioMérieux acquired BTF in September of 2007, and has since helped proliferate BTF's revolutionary microbiology technology through its network of subsidiaries and distributors across the world.

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## The Science.

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With a cohesive range of innovative diagnostic solutions, bioMérieux is making quality control and growth promotion testing more precise and efficient than ever, while ensuring data integrity and regulatory compliance. bioMérieux products not only improve the precision, accuracy, and reliability of testing data, but can also optimize lab workflow, boost productivity, and improve overall financial performance.