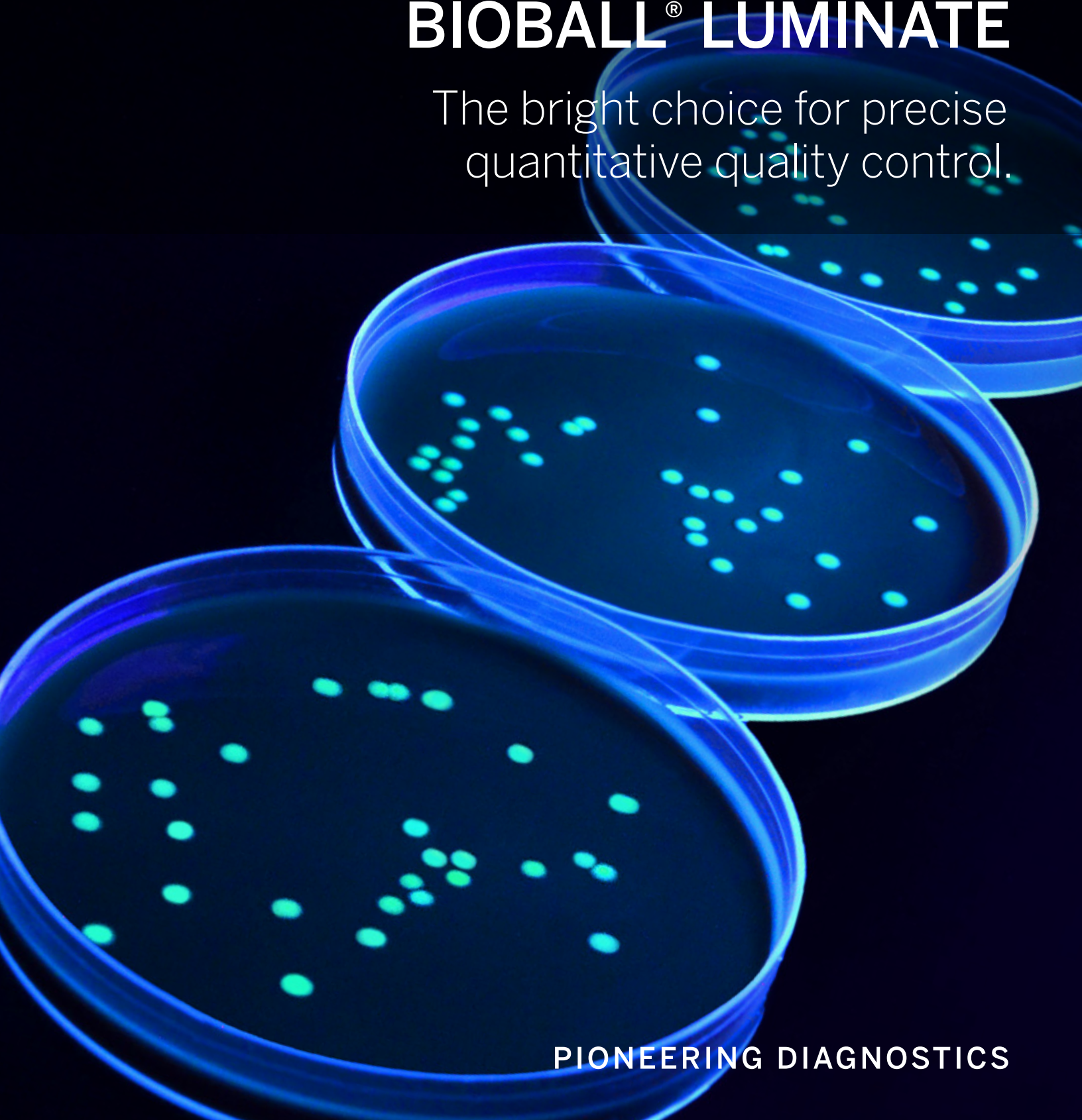




# BIOBALL<sup>®</sup> LUMINATE

The bright choice for precise  
quantitative quality control.



PIONEERING DIAGNOSTICS



# When it comes to food safety, you can never be too accurate.

BIOBALL® LUMINATE is a small, water-soluble ball containing a precise number of microorganisms, with a much higher recovery rate and lower standard deviation compared to serial dilution. Each BIOBALL LUMINATE microorganism is tagged with a Green Fluorescent Protein (GFP) marker, making it easy to distinguish from external contaminants—whether using traditional or rapid testing methods.

## UNPRECEDENTED ACCURACY MEETS RELIABLE CONSISTENCY.

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- Unprecedented accuracy for quantitative microbiological quality control
- Greater precision with a reliable number of organisms in each ball
- Each microorganism is individually selected and dispensed to maximize recovery rate
- Maintains consistency between batches, and reduces risk of failed QC due to variability of inoculum



*“With patented, proprietary technology and techniques, BIOBALL is making quantitative microbiological quality control more accurate and efficient than ever.”*

## HIGH FLUORESCENCE HELPS UNLOCK VALUE IN THE LABORATORY.

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- Each microorganism is individually selected to maximize recovery rate
- Easily distinguish between external contaminants
- Streamlined workflow reduces labor requirements
- Test anytime—no preparation time required, use straight from the freezer

## FIVE SIMPLE STEPS. MINIMAL PREP TIME.

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- ① Plate BIOBALL  
(no defrosting or acclimization required)
- ② Rehydrate BIOBALL
- ③ Spread, dry, and incubate
- ④ Count colonies
- ⑤ UV confirmation

*“Effective for a wide range of testing applications – including growth promotion, daily controls, method validation, proficiency testing, and rapid methods.”*





## FLEXIBLE SOLUTIONS ADAPT TO YOUR LAB

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From positive controls requiring single-dose pathogens to higher doses that help detect non-pathogen food contaminants, BIOBALL® is effective for a wide range of testing applications.

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- Growth promotion testing
  - Method validation
  - Daily controls
  - Proficiency testing
  - Determining Measurement of Uncertainty (MOU)
  - Determining limits of detection
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## VIEW THE COMPLETE LIST OF AVAILABLE MICROORGANISMS AT [BIOBALL.COM](http://BIOBALL.COM)

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SingleShot 30 –30 cfu

MultiShot 550 –10 x 100µL doses of 50 cfu

HighDose 10K –10,000 cfu

MultiShot 10e8 –10 x 100µL doses of 10<sup>7</sup> cfu, ± 20%

BIOBALL Plant Isolate—wild-type strains manufactured at any cfu level

BIOBALL Select—choose a strain, and we'll manufacture to any cfu level

\*all values unless otherwise stated