



Applications:

- Detection and enumeration methods
- Verification/Validation
- Bioburden determination
- Minimal lethal concentration
- Disinfectant qualification
- Water tests
- Proficiency tests
- Methods requiring a specific CFU range

Package Details:

- Vial of 10 quantitated lyophilized pellets
- Illustrated Instructions

Highlights:

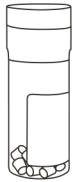
- Available in concentrations ranging from 10^2 to 10^8 CFU per pellet
- Can be combined for a mixed microorganism population
- Easily manipulated to deliver a wide variety of concentrations
- Ready-to-use format saves you time and money
- Refrigerated storage is easy and economical
- Online Certificate of Analysis provides detailed strain information
- Traceability to reference cultures ensures authenticity
- Technical Support experts available for guidance

Also available in CRM for ISO 17025 laboratories

Available in these common strains and many more

- **0392E6** *Aspergillus brasiliensis*
derived from ATCC® 16404™*
- **0486E3** *Bacillus subtilis* subsp. *spizizenii*
derived from ATCC® 6633™*
- **0443E7** *Candida albicans*
derived from ATCC® 10231™*
- **0318E3** *Clostridium perfringens*
derived from ATCC® 13124™*
- **0306E3** *Enterobacter aerogenes*
derived from ATCC® 13048™*
- **0791E3** *Escherichia coli*
derived from ATCC® 51813™*
- **0129E3** *Listeria monocytogenes*
derived from ATCC® 13932™*
- **0363E3** *Salmonella enterica* subsp. *enterica* serovar
Typhimurium derived from ATCC® 14028™*
- **0360E3** *Staphylococcus aureus* subsp. *aureus*
derived from ATCC® 25923™*
- **0803E4** *Zygosaccharomyces rouxii*
derived from ATCC® 28253™*

1



Remove the vial of pellets from refrigerated storage and allow to equilibrate to room temperature.

2

Prior to use, warm hydrating and dilution fluids to 34°C–38°C. Sterile pH 7.2 phosphate buffer is recommended for hydration of the lyophilized preparation.

3

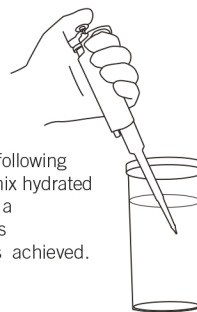


With sterile forceps, transfer the Epower™ microorganism pellet(s) to the hydrating fluid. Do not remove the desiccant from vial. Immediately stopper and recap the vial and return to 2°C–8°C.

4

Place the microorganism suspension into a 34°C–38°C incubator for 30 minutes to assure complete hydration.

5



Immediately following incubation, mix hydrated material until a homogeneous suspension is achieved.

6

Proceed with the challenge according to laboratory protocol. The challenge must be completed within 30 minutes of the hydration process to avoid a change in the challenge suspension concentration.

Not intended for clinical use

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