

Mesa UniQ® Biological Indicators

Spore Suspensions



DESCRIPTION

Spore suspensions are calibrated suspensions of bacterial spores appropriate for growth promotion, direct inoculation of products or preparing custom biological indicators for monitoring Steam, Ethylene Oxide (EO), Dry Heat, Hydrogen Peroxide, Radiation and other industrial sterilization processes. Each vial contains 10 ml of suspension. The suspending liquid is 20%, 29% or 40% ethanol or purified water.

STORAGE

- » Aqueous, 20% ethanol or 29% ethanol: refrigerate at 2 to 8°C.
- » 40% ethanol: freeze at -25 to -10°C.

CERTIFICATION

Spore suspensions are traceable to a recognized culture collection and certified for population, D-value (Steam, EO, Dry Heat and Gamma Radiation) and z-value (Steam and Dry Heat).

Reorder #	Population (per 0.1 mL)
<i>B. atrophaeus</i> 9372	EO/Dry Heat
SSGE/4	10 ⁴ , 40% EtOH
SSGE/5	10 ⁵ , 40% EtOH
SSGE/6	10 ⁶ , 40% EtOH
SSGE/7	10 ⁷ , 40% EtOH
SSGE/8	10 ⁸ , 40% EtOH
<i>B. pumilus</i> 27142	Radiation
SSRE/4	10 ⁴ , 40% EtOH
SSRE/5	10 ⁵ , 40% EtOH
SSRE/6	10 ⁶ , 40% EtOH
SSRE/7	10 ⁷ , 40% EtOH
SSRE/8	10 ⁸ , 40% EtOH
<i>B. smithii</i>	Steam
SSSME/7	10 ⁷ , 20% EtOH

Reorder #	Population (per 0.1 mL)
<i>B. subtilis</i> "5230" 35021	Low Temperature Steam
SS5230E/4	10 ⁴ , 40% EtOH
SS5230E/5	10 ⁵ , 40% EtOH
SS5230E/6	10 ⁶ , 40% EtOH
SS5230E/7	10 ⁷ , 40% EtOH
SS5230E/8	10 ⁸ , 40% EtOH
SS5230A/7	10 ⁷ , aqueous
<i>B. subtilis</i> 6633	Growth Promotion
SS6633E/4	10 ⁴ , 40% EtOH
SS6633E/5	10 ⁵ , 40% EtOH
SS6633E/6	10 ⁶ , 40% EtOH
SS6633E/7	10 ⁷ , 40% EtOH
SS6633E/8	10 ⁸ , 40% EtOH
SS6633A/7	10 ⁷ , aqueous
<i>C. sporogenes</i> 7955	Low Temperature Steam
SSCS7955/4	10 ⁴ , 40% EtOH
SSCS7955/5	10 ⁵ , 40% EtOH
SSCS7955/6	10 ⁶ , 40% EtOH
SSCS7955/7	10 ⁷ , 40% EtOH

Reorder #	Population (per 0.1 mL)
<i>C. sporogenes</i> 11437	Growth Promotion
SSCS11437/4	10 ⁴ , 40% EtOH
SSCS11437/5	10 ⁵ , 40% EtOH
SSCS11437/6	10 ⁶ , 40% EtOH
SSCS11437/7	10 ⁷ , 40% EtOH
<i>C. sporogenes</i> 19404	Growth Promotion
SSCS19404/4	10 ⁴ , 40% EtOH
SSCS19404/5	10 ⁵ , 40% EtOH
SSCS19404/6	10 ⁶ , 40% EtOH
SSCS19404/7	10 ⁷ , 40% EtOH
<i>G. stearothermophilus</i> 7953	Steam
SSSE/4	10 ⁴ , 40% EtOH
SSSE/5	10 ⁵ , 40% EtOH
SSSE/6	10 ⁶ , 40% EtOH
SSSE/7	10 ⁷ , 40% EtOH
SSSA/7	10 ⁷ , aqueous
<i>G. stearothermophilus</i>	Vapor H ₂ O ₂
LAU-196 12980	10 ⁷ , 29% EtOH
LPT-606 7953	10 ⁷ , 40% EtOH