

Spore Suspensions

Mesa Labs Biological Indicators



DESCRIPTION

Spore suspensions are calibrated suspensions of bacterial spores appropriate for direct inoculation of products or preparing custom biological indicators for monitoring Steam, Ethylene Oxide (EtO), 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, EtO, Dry Heat and Gamma Radiation) and z-value (Steam and Dry Heat).

Reorder #	Population (per 0.1 mL)
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B. atrophaeus 9372 – EtO/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

B. pumilus 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

B. smithii 51232

SSSME/7	10 ⁷ , 20% EtO
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Reorder #	Population (per 0.1 mL)
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B. subtilis “5230” 35021 – 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

B. subtilis 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

C. sporogenes 7955

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)
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C. sporogenes 11437

SSCS11437/4	10 ⁴ , 40% EtOH
SSCS11437/5	10 ⁵ , 40% EtOH
SSCS11437/6	10 ⁶ , 40% EtOH
SSCS11437/7	10 ⁷ , 40% EtOH

C. sporogenes 19404

SSCS19404/4	10 ⁴ , 40% EtOH
SSCS19404/5	10 ⁵ , 40% EtOH
SSCS19404/6	10 ⁶ , 40% EtOH
SSCS19404/7	10 ⁷ , 40% EtOH

G. stearothermophilus 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

G. stearothermophilus – Vapor H₂O₂

LAU-196 12980	10 ⁷ , 29% EtO
LPT-606 7953	10 ⁷ , 29% EtO