



BIOLOGICAL INDICATOR

CERTIFICATE OF ANALYSIS

Reorder No: EZS/6

Geobacillus stearothermophilus 7953⁽¹⁾

Biological Indicator for: Steam Sterilization.

Culture: EZTest Media, 55 – 60°C. The supplied bacteriological medium will meet requirements for growth promoting ability.

Purity: No evidence of contaminants using standard plate count techniques.

Lot No: S-362

Manufacture Date: 2007 JUNE 25

Expiration Date: 24 months from Manufacture Date.

Heat Shocked Population: 1.5x10⁶ Spores / Unit

Assayed Resistance:	D-Value ⁽²⁾	Survival	Kill	
Steam 121°C	1.7	6.98 ⁽³⁾	17.01 ⁽³⁾	min
Steam 132°C	0.6	1.5 ⁽⁴⁾	4.5 ⁽⁴⁾	min
Steam 134°C	0.5	2.5 ⁽⁴⁾	4.5 ⁽⁴⁾	min
Steam 135°C	0.5	2.0 ⁽⁴⁾	5.0 ⁽⁴⁾	min

Z-value: 22.0°C

D-value reproducible only when exposed in an AAMI BIER vessel and cultured under the exact conditions used to obtain results reported here. MPN method used.

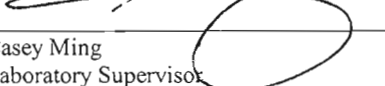
Units are manufactured in compliance with SGM Biotech's quality standards, USP, and ISO 11138 guidelines and all appropriate subsections.

⁽¹⁾ Culture is traceable to a recognized culture collection identified in USP and ISO 11138.

⁽²⁾ D-value calculated using the Limited-Holcomb-Spearman-Karber method.

⁽³⁾ Survival/Kill values are calculated according to USP and ISO 11138.

⁽⁴⁾ Empirically derived data.

Certified By: 
Casey Ming
Laboratory Supervisor

Complete Quality Control testing results available upon request.

