



BIOLOGICAL INDICATOR MONITORING SYSTEM
SELF-CONTAINED
BIOLOGICAL INDICATOR

CERTIFICATE OF ANALYSIS

Reorder No: SEZS/6

Geobacillus stearothermophilus 7953⁽¹⁾

Biological Indicator for: Steam Sterilization.

Culture: **EZTest Media**, 58-62°C. The supplied bacteriological medium will meet requirements for growth promoting ability.

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

Lot No: **SR-000**

Expiration Date: YEAR MONTH DAY

Heat Shocked Population: 0.0 x 10⁶ Spores / Unit

Carrier size: ¼” x ¾” (6 mm x 19 mm)

Assayed Resistance:

	D-Value ⁽²⁾	Survival	Kill	
Steam 121°C	0.0	00.0 ⁽³⁾	00.0 ⁽³⁾	min
Steam 132°C	0.0	0.0 ⁽⁴⁾	0.0 ⁽⁴⁾	min
Steam 134°C	0.0	0.0 ⁽⁴⁾	0.0 ⁽⁴⁾	min
Steam 135°C	0.0	0.0 ⁽⁴⁾	0.0 ⁽⁴⁾	min

Z-value: 00.0°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 Mesa Lab’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.

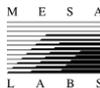
⁽²⁾ D-value calculated using the Limited-Holcomb-Spearman-Karber method.

⁽³⁾ Survival/Kill values are calculated according to a formula in USP and ISO 11138. A D-value rounded to four decimal places is used in this calculation.

⁽⁴⁾ Empirically derived data.

Certified By: _____
Quality Representative

Complete Quality Control testing results available upon request.



Bozeman Manufacturing Facility

10 Evergreen Drive
Bozeman, MT 59715

T: 406/585-9535 ♦ F: 406/585-9219

www.sgmbiotech.com ♦ www.mesalabs.com