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Certificate of Testing

Toxin B from *Clostridium difficile*

Prod. No: 155L Lot Number: 15523A1

Date of Manufacture 14 May 2026

**FOR RESEARCH PURPOSES ONLY.
 NOT FOR HUMAN USE.**

Contents

Each container holds 50 µg of *C. difficile* Toxin B in 50 mM Tris, 100 mM NaCl, pH 7.5 at a concentration of 0.2 mg/ml.

Storage/Shipping Requirements


Store at 5 ± 3 °C. This product is provided as an aseptically packaged liquid. Ship material on blue ice.

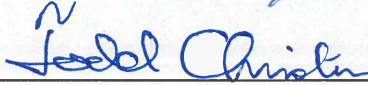
Handling

Good laboratory technique should be employed in the safe handling of this product. Wear appropriate laboratory attire including a lab coat, gloves and safety glasses.

The product is intended for research purposes by qualified personnel. It is not intended for use in humans or as a diagnostic agent. List Biological Laboratories, Inc. is not liable for any damages resulting from the misuse or handling of this product.

Attribute	Test Method ID / Version	Results	Pass / Fail
Appearance	Physical Appearance / ASSAY.063 v6.0	Clear, colorless, and particulate free	Pass
Purity	SDS-PAGE / GELS.018 v19.0	Non-Reduced: Monomer at ~270 kDa: 88.7%	Pass
	Native Gels / GELS.008 v5.0	Reduced: Monomer at ~270 kDa: 94.7%	Pass
	OD Measurement / ASSAY.060 v7.0	3 distinct bands at ~480 kDa: 96.6%	Pass
	Endotoxin / ASSAY.092 v7.0	A ₂₈₀ /A ₂₆₀ : 1.83 A ₃₂₀ : 0.03	Pass
Activity	Vero Cell Assay / ASSAY.139 v1.0	25.5 EU/mg	Pass
		0.844 pg/mL	Pass

Quality Control Manager:  Date: 10 Jun 2026

Production:  Date: 06/15/2026