

Certificate of Testing

Tetanus Toxoid from Clostridium tetani, Lyophilized in Buffer

Prod. No:

191B

Lot Number:

19133A6

Date of Manufacture

16 May 2025

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN USE.

Contents

Each container holds 100 μ g of lyophilized tetanus toxoid. When reconstituted with 200 μ L of water the protein is in 100 mM Histidine, 100 mM NaCl, pH 7.0 and 5% Trehalose.

Storage/Shipping Requirements

Store at 5 ± 3 °C. This product is provided as an aseptically packaged lyophilized powder, sealed under vacuum. Ship material at ambient temperature.

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	
Appearance	Physical Appearance / ASSAY.063 v6.0	Before reconstitution: uniform white pellet, free of foreign material After reconstitution: clear, colorless, particulate free, complete dissolution	
Purity	SDS-PAGE / GELS.018 v19.0	Non-reduced: %Monomer = 71% and %Aggregates = 29% Reduced: %Monomer = 75% and %Aggregates = 25%	
	OD Measurement / ASSAY.060 v7.0	A ₂₈₀ /A ₂₆₀ : 1.9 A ₃₂₀ : 0.01	
	Endotoxin / ASSAY.092 v7.0	11 EU/mg	
Identity	Immunodiffusion / ASSAY.019 v5.0	Lowest concentration of toxoid at which immunoprecipitation was observed: 15.6 µg/mL	
Activity	Mouse Lethality	No death or illness at 15 µg of toxoid per mouse (performed on the bulk lot #19133A)	

Quality Control:	Jun -	Date: 06 36 207
	0	
Production:	Lodel Christin	Date: 00 30 2025