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Product #191B
Release Date: Sept. 2014
Recommended Retest: Sept. 2017

CERTIFICATE OF ANALYSIS
TETANUS TOXOID
Lot #19123A1

Contents

Each vial contains 0.1 mg of Tetanus Toxoid. When reconstituted with 0.2 ml of water the protein is in 100 mM Histidine, 100 mM NaCl, pH 7.0 and 5% Trehalose. **Handle product gently, do not vortex.**

Concentration

Protein concentration is determined by absorbance at 280 nm using an extinction coefficient of 1.24 for a concentration of 1 mg/ml.

Toxicity

This product is produced from native Tetanus Toxin, Product #190, by inactivation with formaldehyde. The resulting toxoid is essentially nontoxic. At the highest dose tested (15 µg/mouse), all CF-1 mice survived the test period and gained weight. No signs of illness or spastic paralysis were observed during the seven day observation period.

Assay Results

In immunodiffusion studies, Tetanus Toxoid showed immunoprecipitation with an antiserum specific to tetanus toxoid.

The endotoxin content, determined by a kinetic chromogenic LAL assay, is <730 EU/mg.

Packaging and Storage

Tetanus Toxoid is supplied as a lyophilized powder, sealed under vacuum. Store at 2-8°C prior to reconstitution. Following reconstitution, aliquot and freeze.

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. Nitrile gloves are recommended for use when handling lyophilized material.

This 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.

FOR RESEARCH PURPOSES ONLY. NOT FOR HUMAN USE.

Production: ko Date: 9-19-2014

Management: NS Date: 9-19-14

QA/QC: gal Date: 9/19/14

Made in U.S.A. 