

CERTIFICATE OF ANALYSIS
Botulinum Neurotoxin Type B Toxoid
(formaldehyde inactivated botulinum toxin type B)
Lot #1391B

Contents:

Each vial, when reconstituted with 100 μ l of sterile purified water, contains 10.0 μ g of botulinum neurotoxin type B toxoid in 0.01 M sodium phosphate, pH 7.5.

Concentration:

Protein concentration is determined by measuring the absorbance at 280 nm using an extinction coefficient of 1.85¹ for a 1 mg/ml solution.

Toxicity:

This product is produced from purified botulinum toxin type B by inactivation with formaldehyde. At the highest dose tested (4 μ g/mouse) there were no deaths and no signs of illness during seven days of observation.

Packaging and Storage:

Botulinum toxoid type B is supplied as a lyophilized powder, sealed under vacuum. Store at 4°C prior to reconstitution. Following reconstitution, aliquot and freeze. Avoid repeated freezing and thawing.

Handling:

Good laboratory technique should be employed in the safe handling of this product. This requires observing the following practices:

- 1. Wear appropriate laboratory attire including a labcoat, gloves and safety glasses.**
- 2. Do not mouth pipette, inhale, ingest or allow to come into contact with open wounds. Wash thoroughly any area of the body which comes into contact with the product.**

(continued)

3. Avoid accidental autoinoculation by exercising extreme care when handling in conjunction with any injection device.
4. This product is intended for research purposes by qualified personnel only. 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.

1. Sathyamoorthy, V. and DasGupta, B.R. (1985) *J. Biol. Chem.* **260**, 10461-10466.

Approved: KA Date: 6/8/09

Approved: [Signature] Date: 6/8/09