



## Product Information

### **BOTULINUM TOXIN E**

from *Clostridium botulinum*

Product Number **B6528**

Lot Number 092K0779

Storage Temperature  $-20\text{ }^{\circ}\text{C}$

### **Product Description**

Each vial contains 100  $\mu\text{g}$  botulinum toxin E in 0.1 ml of 0.2 M sodium chloride, 0.05 M sodium acetate, pH 6.0. Botulinum Toxin E requires activation by adding crystalline trypsin to give a final enzyme concentration of 200  $\mu\text{g}/\text{ml}$ . Incubate at  $37\text{ }^{\circ}\text{C}$  for 30 minutes.

### **Precautions and Disclaimer**

1. Read the attached MSDS carefully prior to use. Discussion of the MSDS should be held with a safety officer prior to use. See MSDS for antitoxin information.
2. CAUTION: This product is very toxic. Handle with auto/safety pipetter only. Do not mouth pipet.
3. After use, utensils and the toxin solution should be soaked overnight or boiled for 20 minutes in an excess amount of 2% sodium hydroxide solution or sodium hypochlorite (1% available chlorine) solution in a hood or well-ventilated area.

### **Storage/Stability**

Store at  $-20\text{ }^{\circ}\text{C}$

### **Product Profile**

Toxicity:  $2 \times 10^7$  mouse LD<sub>50</sub>/mg protein (intraperitoneal) (Not determined by Sigma)

### **References**

1. Knight, K.E., FEBS Lett. **207**, 222 (1986)
2. Ohashi, Y., et al., Biochim. Biophys. Res. Comm., **142**, 1032 (1987)
3. Kitamura, M., et al., Biochim. Biophys. Acta, **168**, 207 (1968)

11/02

Sigma brand products are sold through Sigma-Aldrich, Inc.

Sigma-Aldrich, Inc. warrants that its products conform to the information contained in this and other Sigma-Aldrich publications. Purchaser must determine the suitability of the product(s) for their particular use. Additional terms and conditions may apply. Please see reverse side of the invoice or packing slip.