GENTAUR

CERTIFICATE OF ANALYSIS:

Product: #100 Cholera Toxin (Azide-Free) from *Vibrio cholerae* Inaba 569B

Price: 245€

Contents: Each vial of cholera toxin, when reconstituted to 1.0 ml with sterile distilled water, contains 1.0 mg of protein in: 0.05 M Tris, 0.2 M NaCl, 0.001 M Na_2EDTA at pH 7.5.
Solubility of cholera toxin, in water, decreases with time, following lyophilization.

Concentration: Each vial contains 1 mg determined by extinction coefficient of 1.14 at 280 nm and 1 cm for 1 mg/ml.[1]

Purity: The preparation migrates as a single major band in disc gel electrophoresis (nondenaturing conditions). The $R_{280/260}$ of each preparation is reported.

Activity: When examined in an ADP-ribosylation assay,[2,3] the specific enzymatic activity of each lot is at least as high as that of a standard cholera toxin preparation.

Packaging/Storage: Lyophilized powder stoppered under vacuum. It is recommended that this material be stored at 4°C prior to and following reconstitution. **DO NOT FREEZE.**

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 lab coat, 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.**
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.

References:

1. Spangler, Brenda D. (1992) *Microbiological Reviews* 56 (4), 622-647.
2. Tsai, S.-C., Noda, M., Adamik, R., Moss, J., and Vaughan, M. (1987) *Proc. Natl. Acad. Sci. USA* **84**, 5139-5142.
3. Tsai, S.-C, Noda, M., Adamik, R., Chang, P.P., Chen, H.-C., Moss, J., and Vaughan, M. (1988) *J. Biol. Chem.* **263**, 1768-1772.