

## CERTIFICATE OF ANALYSIS

**PRODUCT:** **Collagenase, Type 1**  
*Clostridium histolyticum*  
M.W 68,000 to 125,000.

**PRODUCT NUMBER:** C-2823

**LOT NUMBER:** G1170D

**APPEARANCE:** White to dark brown powder.

**SOLUBILITY** Clear colorless solution.

(1 mg/ml in H<sub>2</sub>O):

<u>PARAMETER:</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
u/mg dw:	≥ 125 units per mg dry weight	270
u/mg dw Caseinase:	≥ 200 caseinase units per mg dry weight	210
u/mg dw Clostripain:	≤ 4.00 clostripain units per mg dry weight	1.95
u/mg dw Tryptic:	≤ 0.50 tryptic units per mg dry weight	0.33
Endotoxin EU/mg dw:	Report Assay Value.	1.31

**DESCRIPTION:** The original balance of enzymatic activities. Each lot assayed for collagenase, caseinase, clostripain and tryptic activities. Suggested for epithelial, liver, lung and adrenal primary cell isolations. A dialyzed, lyophilized powder.

**STORAGE & HANDLING:** Store desiccated at +4°C  
Avoid repeated freezing and thawing of solutions.  
CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: **LA**