

## Certificate of Analysis

**PRODUCT:** **Collagenase, Type A** (Animal Origin-Free)  
*Clostridium histolyticum*

**PRODUCT NUMBER:** C-2845

**LOT NUMBER:** L1373

**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>
<b>u/mg dw:</b>	≥150 units per mg dry weight	275
<b>u/mg dw Caseinase:</b>	≥150 caseinase units per mg dry weight	195
<b>u/mg dw Clostripain:</b>	≤8.00 clostripain units per mg dry weight	4.46
<b>u/mg dw Tryptic:</b>	≥0.10 tryptic units per mg dry weight	0.38
<b>Endotoxin EU/mg dw:</b>	Report Assay Value.	28.2
<b>A280 @ 1 mg/ml:</b>	Report Assay Value.	2.54

**DESCRIPTION:** Prepared cultures grown in medium completely devoid of animal-based components and designed for bioprocessing applications where introduction of animal derived pathogens must be prevented.

**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: KLS