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### Certificate of Analysis

Product Collagenase, Type 2  
Source Clostridium histolyticum  
Country of Manufacture USA  
Storage Store at 2-8°C.  
Code CLS-2  
Lot Number  
Re-Assay Date  
Description Prepared to contain higher clostripain activity. Suggested for bone, heart, liver, thyroid and salivary primary cell isolation. Supplied as a dialyzed, lyophilized powder.  
Unit Definition One unit liberates one micromole of L-leucine equivalents from collagen in 5 hours at 37°C, pH 7.5

<u>Parameter</u>	<u>Result</u>	<u>Acceptance Criteria</u>
u/mg dw	230	≥125 units per mg dry weight
u/mg dw Caseinase	520	≥200 caseinase units per mg dry weight
u/mg dw Clostripain	6.09	≥3.50 clostripain units per mg dry weight
u/mg dw Tryptic	0.37	≥0.10 tryptic units per mg dry weight
Endotoxin EU/mg dw	1.49	Report Assay Value.
A280nm @ 1 mg/ml	1.90	Report assay value.

Approved by: Thomas R. Ryan, Quality Control Manager (signature on file)

Date: 10/21/20