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## Certificate of Analysis

Product Collagenase, Type 3, Filtered  
Source Clostridium histolyticum  
Country of Manufacture USA  
Storage Store at 2-8°C.  
Code CLSS-3  
Lot Number  
Re-Assay Date  
Description Collagenase, Type 3 (Code: CLS-3), which is filtered through a 0.22 micron membrane and lyophilized in vials to contain 50 milligrams per vial.  
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	172	≥100 units per mg dry weight
u/vial	11,150	≥5,000 units per vial
u/mg dw Caseinase	147	≥50 caseinase units per mg dry weight
u/mg dw Clostripain	1.68	≤3.00 clostripain units per mg dry weight
u/mg dw Tryptic	0.17	≤0.30 tryptic units per mg dry weight
Endotoxin EU/mg dw	11.5	Report Assay Value.
A280nm @ 1 mg/ml	2.37	Report assay value.
Colony Count	No cfu's detected	≤1 cfu per ml
Fill Amount	65	≥50mg

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

Date: 11/13/20