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Certificate of Analysis

Product Collagenase, Type 2, Filtered
Source Clostridium histolyticum
Country of Manufacture USA
Storage Store at 2-8°C.
Code CLSS-2
Lot Number
Re-Assay Date
Description Collagenase, Type 2 (Code: CLS-2), which is filtered through a 0.22 micron membrane and lyophilized in vials.
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	275	≥125 units per mg dry weight
u/vial (50 mg)	17,880	≥6,250 units per vial
u/mg dw Caseinase	628	≥200 caseinase units per mg dry weight
u/mg dw Clostripain	7.50	≥3.50 clostripain units per mg dry weight
u/mg dw Tryptic	0.25	≥0.10 tryptic units per mg dry weight
Endotoxin EU/mg dw	1.19	Report Assay Value.
A280nm @ 1 mg/ml	1.03	Report assay value.
Colony Count	No cfu's detected	≤1 cfu per ml
Fill Amount (50 mg)	65	≥50mg

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

Date: 8/12/19