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Certificate of Analysis

Product Collagenase, Type 3
Source Clostridium histolyticum
Country of Manufacture USA
Storage Store at 2-8°C.
Code CLS-3
Lot Number
Re-Assay Date
Description Lower in secondary proteolytic contaminant activities but with typical collagenase activity. Suggested for mammary primary cell isolation. 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	210	≥100 units per mg dry weight
u/mg dw Caseinase	77.5	≥50 caseinase units per mg dry weight
u/mg dw Clostripain	1.31	≤3.00 clostripain units per mg dry weight
u/mg dw Tryptic	0.05	≤0.30 tryptic units per mg dry weight
Endotoxin EU/mg dw	23.9	Report Assay Value.
A280nm @ 1 mg/ml	2.99	Report assay value.

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

Date: 10/27/20