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## Certificate of Analysis

**Product Description:** Collagenase, Cell Preparation Grade  
**Catalog Number:** 150705  
**Lot:** Q5632**Formula:** N/A  
**CAS #:** N/A  
**Physical Description:** Brown Crystalline Powder**Formula Weight:** N/A  
**Storage:** 2 - 8°C, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Source	<i>Clostridium histolyticum</i>	<i>Clostridium histolyticum</i>
Activity	≥160 u/mg	275 u/mg Dry Weight
Caseinase (u/mg)	Report Result	225 u/mg Dry Weight
Clostripain (u/mg)	Report Result	0.94 u/mg Dry Weight
Tryptic (u/mg)	Report Result	0.02 u/mg Dry Weight

Unit definition: One unit liberates one  $\mu$ mole of L-leucine equivalents from collagen in 5 hours at 37°C, pH 7.5.

A280: 1.52 mg/ml

Endotoxin: 2.04 EU/mg dw

Recommended Retest Date: 03/31/2018

12/08/2016 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

This is an electronically generated document

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http://www.mpbio.com

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