

MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Collagen, Bovine, 0.3% solution_
Catalog Number: 193492_
Lot: S0001_

<p>Formula: N/A CAS #: N/A Physical Description: Clear, Colorless Solution</p>	<p>Formula Weight: N/A Storage: 2 - 8°C</p>
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Test	Specification	Result
Identity Test	Passes	Passes
Source	Bovine	Bovine
Sterility	Passes	Passes
Collagen Content	0.27 - 0.33%	0.30%
pH	1.7 - 2.1	2.1

Gel Formation TestTime: #40 minutes
 Fibrillogenesis: >0.5 ABS units
 Endotoxin (LAL): #1.0 EU/ml
 Electrophoretic Pattern: Passes (SDS-PAGE, #85% collagen contained within alpha, .beta and gamma bands, <15% collagen contained within bands traveling faster than alpha.)
 Osmolality: 26 mOsmo/Kg H2O
 Kinetic Gel Test: #40 minutes
 Gel stiffness Plateau: 690 Pa
 Recommended Retest Date: 07/31/2020

JHuang

09/13/2018 - John Huang, PhD
 MP Biomedicals, LLC.
 Quality Control Manager

Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site
Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)