



MP Biomedicals, LLC

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## Certificate of Analysis

**Product Description:** Dextran Sulfate Sodium Salt  
**Catalog Number:** 160110  
**Lot:** SR01606R

**Formula:** N/A  
**CAS #:** 9011-18-1  
**Physical Description:** Fine White Powder

**Formula Weight:** 36,000 - 50,000  
**Storage:** 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
Moisture	≤10%	6.63%
Residue on Ignition	≤50%	41.9%
Sulphur	~18 - 20%	19.4%
Glucose	35 - 50%	37.4%
pH (1% aq soln)	5 - 7.5	7.04
Specific Rotation	+75° to +105°	+85.6°
Free Sulphate	≤ 0.2%	Not Detected

Specific Viscosity (25°C in 1.0 M NaCl): 0.08

Insoluble Iron: Not Detected

Residual Pyridine: 0.7%

Clarity (20% solution)

- 360nm: OD=0.1

- in 100 ml of 20% solution: 1 spec

Chloride: 681 ppm

Recommended Retest Date (MM/DD/YYYY): 05/31/2020

02/22/2020 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

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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)