



MP Biomedicals, LLC

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## Certificate of Analysis

**Product Description:** Dextran Sulfate Sodium Salt  
**Catalog Number:** 160110  
**Lot:** QR14166

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

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

Test	Specification	Result
Identity Test	Passes	Passes
Moisture	≤10%	5.0%
Residue on Ignition	≤50%	43.7%
Sulphur	~18 - 20%	19.1%
Glucose	35 - 50%	38.8%
pH (1% aq soln)	5 - 7.5	6.88
Specific Rotation	+75° to +105°	+96°
Free Sulphate	≤ 0.2%	None detected

Insoluble Iron: None detected

Residual Pyridine: 0.6%

Clarity (20% soln):

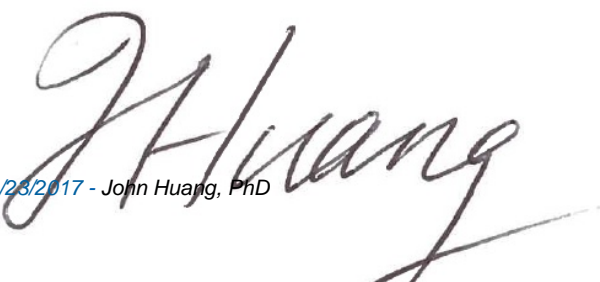
- @ 360 nm: 0.12

- specs in 20% soln: 3 specs

Chloride: 623 ppm.

Specific Viscosity: 0.09

Recommended retest date: 05/22/2020

  
05/28/2017 - 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

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