



**MP Biomedicals, LLC**

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## Certificate of Analysis

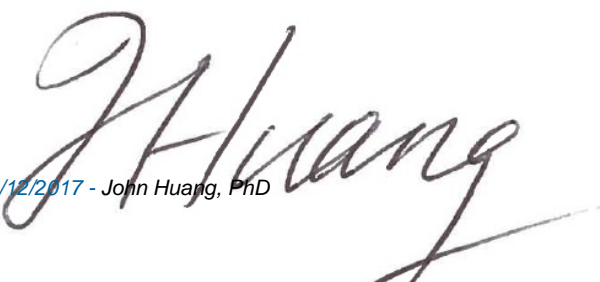
**Product Description:** Dextran Sulfate Sodium Salt\_  
**Catalog Number:** 160110\_  
**Lot:** Q7418\_

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

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

Test	Specification	Result
Identity Test	Passes	Passes
Moisture	≤10%	6.0%
Residue on Ignition	≤50%	39.9%
Sulphur	~18 - 20%	19.7%
Glucose	35 - 50%	36.9%
pH (1% aq soln)	5 - 7.5	6.5
Specific Rotation	+75° to +105°	+88.9°
Free Sulphate	≤ 0.2%	None detected

Specific Viscosity: 0.09  
Insoluble Iron: None detected  
Residual Pyridine: 0.5%  
Clarity (20% solution):  
- 360nm: OD=0.2  
- 3 spec in 100 ml of 20% solution  
Chloride: 694 ppm  
Recommended Retest Date: 03/31/2020

  
09/12/2017 - 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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