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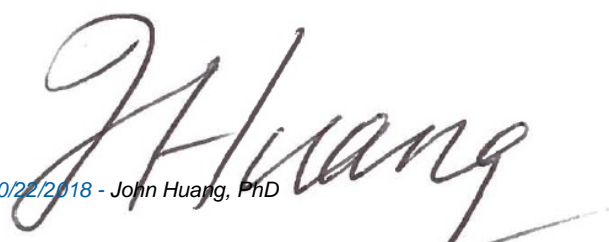
## Certificate of Analysis

**Product Description:** Dextran Sulfate Sodium Salt  
**Catalog Number:** 160110\_  
**Lot:** S0221\_

<p><b>Formula:</b> N/A <b>CAS #:</b> 9011-18-1 <b>Physical Description:</b> White to Off-white Powder</p>	<p><b>Formula Weight:</b> 36,000 - 50,000 <b>Storage:</b> 15 - 30°C</p>
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Test	Specification	Result
Identity Test	Passes	Passes
Moisture	≤10%	4.7%
Residue on Ignition	≤50%	43.0%
Sulphur	~18 - 20%	19.3%
Glucose	35 - 50%	39%
pH (1% aq soln)	5 - 7.5	7.02
Specific Rotation	+75° to +105°	+91.68°
Free Sulphate	≤ 0.2%	Not Detected

Specific Viscosity: 0.09%  
 Insoluble Iron: None detected  
 Residual Pyridine: 0.6%  
 Clarity (OD units @ 360 nm, 20% soln): 0.1  
 Clarity (100 ml20% soln): 7 specs  
 Chloride: 496 ppm  
 Recommended Retest Date: 06/30/2021

  
 10/22/2018 - 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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