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## Certificate of Analysis

**Product Description:** Dextran Sulfate Sodium Salt  
**Catalog Number:** 160110  
**Lot:** QR10753

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

**Formula Weight:** 36,000 - 50,000  
**Storage:** Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Moisture	≤10%	5.65%
Residue on Ignition	≤50%	41.8%
Sulphur	~18 - 20%	19.1%
Glucose	35 - 50%	40.2%
pH (1% aq soln)	5 - 7.5	6.6
Specific Rotation	+75° to +105°	+88.5°
Free Sulphate	≤ 0.2%	None Detected

Specific Viscosity (25°C, 1.0 M NaCl): 0.09

Insoluble Iron: None Detected

Residual Pyridine: 0.5%

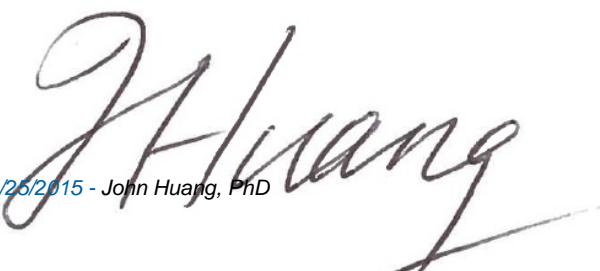
Clarity (20% soln):

- OD360 nm: 0.16

- Specs in 100 ml: 5 specs

Chloride: 449 ppm

Recommended Retest Date: 09/29/2017

  
06/25/2015 - John Huang, PhD

MP Biomedicals, LLC.  
Senior QC Chemist

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

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