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## Certificate of Analysis

**Product Description:** Dextran Sulfate Sodium Salt\_  
**Catalog Number:** 160110\_  
**Lot:** M5164\_

**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%	4.8%
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°	+98°
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

*Christina Marotta*

10/11/2012 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

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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)