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Certificate of Analysis

Product Description: Dextran Sulfate Sodium Salt
Catalog Number: 160110
Lot: QR15935

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

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

Test	Specification	Result
Identity Test	Passes	Passes
Moisture	≤10%	3.0%
Residue on Ignition	≤50%	42.6%
Sulphur	~18 - 20%	19.2%
Glucose	35 - 50%	38.0%
pH (1% aq soln)	5 - 7.5	6.32
Specific Rotation	+75° to +105°	+96.1°
Free Sulphate	≤ 0.2%	None detected

Insoluble Iron: None detected

Residual Pyridine: 0.4%

Clarity (20% soln):

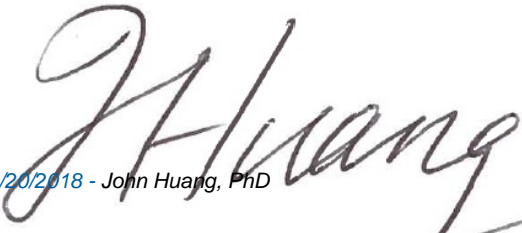
- @ 360 nm: 0.2

- specs in 20% soln: 4 specs

Chloride: 369 ppm.

Specific Viscosity: 0.08

Recommended Retest Date: 08/16/2020


08/20/2018 - John Huang, PhD

MP Biomedicals, LLC.
Quality Control Manager

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<http://www.mpbio.com>

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)