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Certificate of Analysis

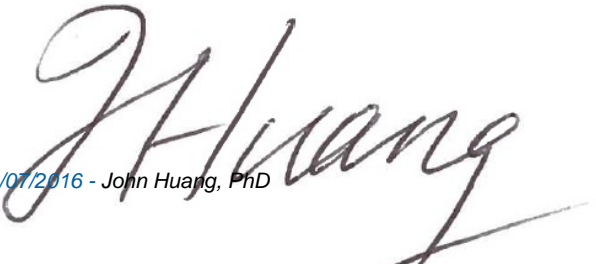
Product Description: Dextran Sulfate Sodium Salt
Catalog Number: 160110
Lot: QR12700

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%	5.3%
Residue on Ignition	≤50%	42.0%
Sulphur	~18 - 20%	18.8%
Glucose	35 - 50%	37.9%
pH (1% aq soln)	5 - 7.5	6.8
Specific Rotation	+75° to +105°	+89.6°
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: 5 specs
Chloride: 383 ppm.
Specific Viscosity: 0.10
Recommended Retest Date: 08/31/2018


09/07/2016 - 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)