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Certificate of Analysis

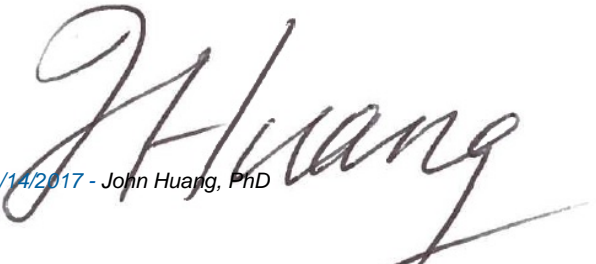
Product Description: Dextran Sulfate Sodium Salt_
Catalog Number: 160110_
Lot: Q6182_

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

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

Test	Specification	Result
Identity Test	Passes	Passes
Moisture	≤10%	5.2%
Residue on Ignition	≤50%	43.8%
Sulphur	~18 - 20%	19.9%
Glucose	35 - 50%	39.0%
pH (1% aq soln)	5 - 7.5	7.33
Specific Rotation	+75° to +105°	+88.3°
Free Sulphate	≤ 0.2%	None detected

Specific Viscosity: 0.08
Insoluble Iron: None detected
Residual Pyridine: 0.9%
Clarity (20% solution):
- 360nm: OD=0.1
- 7 spec in 100 ml of 20% solution
Chloride: 516 ppm
Recommended Retest Date: 11/30/2019


03/14/2017 - 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)