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Certificate of Analysis

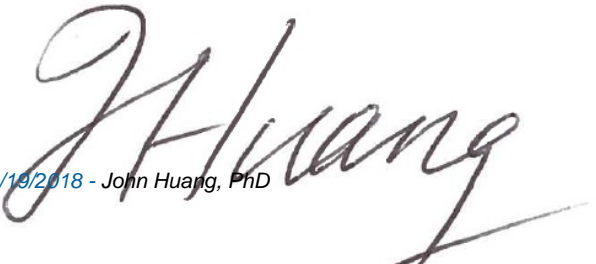
Product Description: Dextran Sulfate Sodium Salt_
Catalog Number: 160110_
Lot: Q8378_

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

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

Test	Specification	Result
Identity Test	Passes	Passes
Moisture	≤10%	6.0%
Residue on Ignition	≤50%	39.9%
Sulphur	~18 - 20%	19.7%
Glucose	35 - 50%	36.9%
pH (1% aq soln)	5 - 7.5	6.54
Specific Rotation	+75° to +105°	+103.3°
Free Sulphate	≤ 0.2%	None detected

Specific Viscosity: 0.09
Insoluble Iron: None detected
Residual Pyridine: 0.5%
Clarity (20% solution):
- 360nm: OD=0.2
- 3 spec in 100 ml of 20% solution
Chloride: 694 ppm
Recommended Retest Date: 03/31/2020


01/19/2018 - 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)