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Certificate of Analysis

Product Description: Dextran Sulfate Sodium Salt, reagent grade Catalog Number: 101516 Lot: SR01436
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Formula: N/A CAS #: 9011-18-1 Physical Description: White to Off-white Powder
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Formula Weight: 8000 (avg) Storage: 15 - 30°C
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Test	Specification	Result
Identity Test	Passes	Passes
pH (1% aq soln)	5.0 - 7.5	7.12
Specific Rotation	+75° to 105°	79.0°
Loss on Drying	≤10%	5.2%
Residue on Ignition	35 - 50%	43%

Molecular weight: Passes
 Free inorganic sulphate: Not detected
 Total sulphur: 18.9%
 Glucose: 37%
 Specific viscosity (in 1.0M NaCl @ 25°C): 0.030
 Insoluble iron: Not detected
 Residue pyridine: 0.7%
 Clarity (20% soln):
 - 360nm: 0.1
 - 100 ml of 20% soln: 10
 Chloride: 379 ppm
 Heavy metals: <50 ppm
 Bioburdens: ≤10 cfu/g
 Recommended Retest Date (MM/DD/YYYY): 07/30/2022

07/31/2019 - John Huang, PhD
 MP Biomedicals, LLC.
 Quality Control Manager

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Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)