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Certificate of Analysis

Product Description: Dextran Sulfate Sodium Salt, reagent grade
Catalog Number: 101516
Lot: SR05382

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

Formula Weight: 8000 (avg)
Storage: 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
pH (1% aq soln)	5.0 - 7.5	7.29
Specific Rotation	+75° to 105°	+81.47°
Loss on Drying	≤10%	4.84%
Residue on Ignition	35 - 50%	44%

Molecular Weight: Passes
Free Inorganic Sulfate: Not Detected
Total Sulfur: 18.4%
Glucose: 38%
Specific Viscosity (1.0M NaCl, 25°C): 0.030
Insoluble Iron: Not Detected
Residue Pyridine: 0.8%
Clarity (20% soln):
- OD at 360 nm: 0.1
- Specs in 100mL: 1
Chloride: 359 ppm
Recommended Retest Date (MM/DD/YYYY): 08/31/2026



03/31/2022 - Fengqi An
MP Biomedicals, LLC.
Life Science QC Supervisor

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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)