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Certificate of Analysis

Product Description: Dextran Sodium Sulfate
Catalog Number: 101518
Lot: SR02567**Formula:** N/A
CAS #: 9011-18-1
Physical Description: White to Off-white Powder**Formula Weight:** 6,000-8,000
Storage: 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
pH (1%, aq soln)	5.0 - 7.5	7.17
Specific Rotation	+75 to 105°	+78.9°
Loss on Drying	≤ 10%	5.32%
Residue on Ignition	35 - 50%	43%
Molecular weight	Passes	Passes

Free inorganic sulphate: Not detected
Total sulphur: 19.0%
Glucose: 39%
Specific viscosity (in 1.0M NaCl @ 25°C): 0.029
Insoluble iron: Not detected
Residue pyridine: 0.6%
Clarity (20% soln):
- 360nm: 0.1
- 100 ml of 20% soln: 5 specs
Chloride: 385 ppm
Recommended Retest Date (MM/DD/YYYY): 03/31/2024



03/26/2020 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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