



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Dextran Sulfate Sodium Salt_
Catalog Number: 160110_
Lot: S4140_

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%	5.73%
Residue on Ignition	≤50%	45.1%
Sulphur	~18 - 20%	19.5%
Glucose	35 - 50%	39.7%
pH (1% aq soln)	5 - 7.5	7.07
Specific Rotation	+75° to +105°	+89.3°
Free Sulphate	≤ 0.2%	0.01%

Specific Viscosity (25°C in 1.0 M NaCl): 0.09

Insoluble Iron: None Detected

Residual Pyridine: 0.5%

Clarity (20% solution):

- 360nm: OD=0.1

- 2 spec in 100 ml of 20% solution

Chloride: 231 ppm

Keep container tightly closed in a dry and well-ventilated place

Recommended Retest Date (MM/DD/YYYY): 03/31/2025

MP Biomedicals, LLC.
Quality Control Manager

This is an electronically generated document

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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)