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Certificate of Analysis

Product Description: Dextran Sulfate Sodium Salt_
Catalog Number: 160110_
Lot: S3045_

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

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

Test	Specification	Result
Identity Test	Passes	Passes
Moisture	≤10%	6.44%
Residue on Ignition	≤50%	42.7%
Sulphur	~18 - 20%	18.3%
Glucose	35 - 50%	40.4%
pH (1% aq soln)	5 - 7.5	7.24
Specific Rotation	+75° to +105°	+97.3°
Free Sulphate	≤ 0.2%	Not Detected

Specific Viscosity (25°C in 1.0 M NaCl): 0.10
Insoluble Iron: None Detected
Residual Pyridine: 0.8%
Clarity (20% solution):
- 360nm: OD=0.1
- 4 spec in 100 ml of 20% solution
Chloride: 576 ppm
Recommended Retest Date (MM/DD/YYYY): 09/30/2024

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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)