

## Certificate of Analysis

**Product Description:** Dextran Sulfate Sodium Salt\_  
**Catalog Number:** 160110\_  
**Lot:** S0432\_

<p><b>Formula:</b> N/A  <b>CAS #:</b> 9011-18-1  <b>Physical Description:</b> White to Off-white Powder</p>	<p><b>Formula Weight:</b> 36,000 - 50,000  <b>Storage:</b> 15 - 30°C</p>
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Test	Specification	Result
Identity Test	Passes	Passes
Moisture	≤10%	5.6%
Residue on Ignition	≤50%	42.9%
Sulphur	~18 - 20%	19.5%
Glucose	35 - 50%	39.9%
pH (1% aq soln)	5 - 7.5	7.17
Specific Rotation	+75° to +105°	+92.5°
Free Sulphate	≤ 0.2%	None detected

Specific viscosity: 0.093%  
 Insoluble iron: None detected  
 Residual pyridine: 0.6%  
 Clarity (20% solution):  
 - 360nm: OD=0.12  
 - 5 spec in 100 ml of 20% solution  
 Chloride: 608 ppm  
 Recommended Retest Date: 06/30/2021

J Huang

11/29/2018 - John Huang, PhD

MP Biomedicals, LLC.  
Quality Control Manager

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<mailto:biotech@mpbio.com>

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