



**MP Biomedicals, LLC**

29525 Fountain Parkway  
Solon, Ohio 44139

Telephone: 440/337-1200  
Toll Free: 800/854-0530

Fax: 440/337-1180  
web: www.mpbio.com

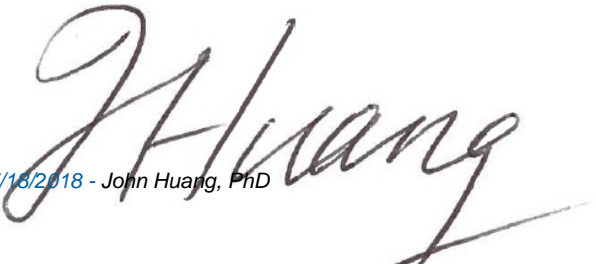
## Certificate of Analysis

**Product Description:** Dextran Sulfate Sodium Salt\_  
**Catalog Number:** 160110\_  
**Lot:** Q9611\_

<b>Formula:</b> N/A <b>CAS #:</b> 9011-18-1 <b>Physical Description:</b> White to Off-white Powder	<b>Formula Weight:</b> 36,000 - 50,000 <b>Storage:</b> 15 - 30°C
--	---

Test	Specification	Result
Identity Test	Passes	Passes
Moisture	≤10%	6.9%
Residue on Ignition	≤50%	41.4%
Sulphur	~18 - 20%	19.1%
Glucose	35 - 50%	40.8%
pH (1% aq soln)	5 - 7.5	6.91
Specific Rotation	+75° to +105°	+92.95°
Free Sulphate	≤ 0.2%	None detected

Specific viscosity: 0.09%  
Insoluble iron: None detected  
Residual pyridine: 0.6%  
Clarity (20% solution):  
- 360nm: OD=0.1  
- 4 spec in 100 ml of 20% solution  
Chloride: 850 ppm  
Recommended Retest Date: 06/30/2020

  
07/18/2018 - John Huang, PhD

MP Biomedicals, LLC.  
Quality Control Manager

This is an electronically generated document

<mailto:biotech@mpbio.com>

<http://www.mpbio.com>

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)