



**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, reagent grade.

**Catalog Number:** 101516.

**Lot:** QR11813.

**Formula:** N/A

**CAS #:** 9011-18-1

**Physical Description:** White Powder

**Formula Weight:** 8000 (avg)

**Storage:** Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
pH (1% aq soln)	5.0 - 7.5	7.28
Specific Rotation	+75° to 105°	+77.3°
Loss on Drying	≤10%	5.2%
Residue on Ignition	35 - 50%	44.9%

Molecular weight: Passes

Free inorganic sulphate: Not detected

Total sulphur: 18.5%

Glucose: 35.4%

Specific viscosity (in 1.0M NaCl @ 25°C): 0.027

Insoluble iron: Not detected

Residue pyridine: 0.7%

Clarity (20% soln):

- 360nm: 0.2

- 100 ml of 20% soln: 4

Chloride: 379 ppm

Recommended Retest Date: 10/31/2018

01/13/2016 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

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<mailto:biotech@mpbio.com>

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Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)