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## Certificate of Analysis

**Product Description:** Dextran Sulfate Sodium Salt, reagent grade.

**Catalog Number:** 101516.

**Lot:** M3049.

**Formula:** N/A

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

**Physical Description:** Off-white Powder

**Formula Weight:** 8000 (avg)

**Storage:** Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
pH (1% aq soln)	5.0 - 7.5	7.1
Specific Rotation	+75° to 105°	+88.0°
Loss on Drying	≤10%	5.1%
Residue on Ignition	35 - 50%	45.6%

Free inorganic sulphate: N.D.

Total sulphur: 18.1%

Glucose: 38.5%

Specific viscosity (in 1.0M NaCl @ 25°C): 0.032

Insoluble Iron: N.D.

Residue pyridine: 0.9%

Clarity: 0.07 (0.9 OD units @ 360 nm) 9.0 <10 specs in 100 ml of 20% soln)

Chloride Content: 340 ppm

12/28/2011 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

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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)

