



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Dextran, Clinical Grade, MW 60,000 - 90,000\_  
**Catalog Number:** 180140\_  
**Lot:** S3535\_

**Formula:** N/A  
**CAS #:** 9004-54-0  
**Physical Description:** White Powder

**Formula Weight:** 60,000 - 90,000  
**Storage:** 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
MW Distribution	60,000 - 90,000	70083
Nitrogenous Impurities	≤0.01%	≤0.007%
Loss on Drying	≤7.0%	2.69%
Heavy Metals	≤20ppm	≤8 ppm

Specific rotation (c=2, in water): +199.94°  
Molecular-mass distribution:  
Macromolecule (10%):176206  
Micromolecule (10%): 18810  
Sulphated Ash: 0.1%  
Bacterial endotoxins: <8EU/g  
Microbial Contamination  
- TAMC: <10 cfu/g  
- Molds and Yeast Count: <10 cfu/g  
- Escherichia Coli Count: No detection / g  
Recommended Retest Date (MM/DD/YYYY): 12/20/2024

02/05/2020 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager

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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)