

**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](http://www.mpbio.com)

## Certificate of Analysis

**Product Description:** Dextran, Clinical Grade, MW 60,000 - 90,000

**Catalog Number:** 180140

**Lot:** 7609K

**Formula:** N/A

**CAS #:** 9004-54-0

**Physical Description:** White Crystalline Powder

**Formula Weight:** 60,000 - 90,000

**Storage:** Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes

Specific rotation: +197.0°

IR: Positive

Solubility (6% aq soln): clear, colorless

Loss on drying: 5.34%

Acidity or alkalinity: Complies

Heavy metals: <5 ppm

Residual solvents:

- Ethanol: 0.03%

- Methanol: Not detected

- Other residual solvents: #0.5% = complies

Molecular-mass distribution:

- Mw: 66,804

- M10: 133,000

- M90: 17,438

Sulphated ash: 0.07%

Bacterial endotoxins: <5 IU/g

Nitrogenous: <60 ppm

Microbial contamination:

- TAMC: <10 cfu/g

07/21/2010 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

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)