



**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, Clinical Grade, MW 60,000 - 90,000\_  
**Catalog Number:** 180140\_  
**Lot:** Q3306\_

<b>Formula:</b> N/A <b>CAS #:</b> 9004-54-0 <b>Physical Description:</b> White Powder	<b>Formula Weight:</b> 60,000 - 90,000 <b>Storage:</b> Room Temperature
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Test	Specification	Result
Identity Test	Passes	Passes

Specific rotation: 193°  
IR: Complies  
Loss on drying: 4.8%  
Heavy metals: <0.0008%  
Molecular-mass distribution:  
- Mw: 65,831  
- M10: 179,030  
- M90: 15,799  
Residue on ignition: 0.2%  
Nitrogen: <0.005%  
Chloride: <0.12%  
pH: 7.63  
Recommended Retest Date: 10/06/2018

12/04/2015 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager



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http://www.mpbio.com