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## Certificate of Analysis

**Product Description:** Dextran, MW = 60,000 - 90,000  
**Catalog Number:** 205195  
**Lot:** SR04479

**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: 70083  
Nitrogenous Impurities:  $\leq 0.007\%$   
Loss on Drying: 2.69%  
Heavy Metals:  $\leq 8$  ppm  
Specific Rotation (c=2, in water):  $+199.94^\circ$   
Molecular Mass Distribution:  
- Macromolecule (10%): 176206  
- Micromolecule (10%): 18810  
Sulfated Ash: 0.1%  
Bacterial Endotoxins:  $< 8$  EU/g  
Microbial Contamination:  
- TAMC:  $< 10$  cfu/g  
- Molds and Yeast Count:  $< 10$  cfu/g  
- E. coli: Not Detected  
Recommended Retest Date (MM/DD/YYYY): 12/20/2024



08/19/2021 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager

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