



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Dextrose, Anhydrous, USP Grade\_  
**Catalog Number:** 199013\_  
**Lot:** M8591\_

**Formula:** C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>

**CAS #:** 50-99-7

**Physical Description:** White Powder

**Formula Weight:** 180.15

**Storage:** Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Color of Solution	Passes	Passes
Specific Rotation (100 mg/mL 0.012N NH <sub>4</sub> OH)	+52.6° to +53.2°	52.9°
Acidity	Passes	Passes
Loss On Drying	≤0.5%	0.10%
Residue on Ignition	≤0.1%	0.01%
Chloride	≤0.018%	<0.018%
Sulfate	≤0.025%	<0.025%
Arsenic	≤1 ppm	<1 ppm
Heavy Metals	≤5 ppm	<5 ppm
Dextrin	Passes	Passes
Soluble Starch	Passes	Passes
Sulfite	Passes	Passes

Bacterium: <10 cfu/g  
Mildew: <10 cfu/g  
Coliform Not detected  
Endotoxin: <1.25 EU/g

*Christina Marotta*

01/20/2014 - 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)