



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Dextrose, Anhydrous, USP Grade\_  
**Catalog Number:** 199013\_  
**Lot:** QR12532\_

**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°	53.0°
Acidity	Passes	Passes
Loss On Drying	≤0.5%	0.15%
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

Bacteria: <10 cfu/g

Mildew: <10 cfu/g

Coliform: Not detected

Endotoxin: <1.25 Eu/g

Recommended Retest Date: 07/25/2018

08/02/2016 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager

A large, stylized handwritten signature in black ink, appearing to read "J Huang". The signature is written in a cursive, flowing style with a long tail on the final letter.

This is an electronically generated document

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