



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Dextrose, Anhydrous, USP Grade_
Catalog Number: 199013_
Lot: M8590_

Formula: C₆H₁₂O₆

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 ₄ OH)	+52.6° to +53.2°	52.9°
Acidity	Passes	Passes
Loss On Drying	≤0.5%	0.08%
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)