



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Sucrose_
Catalog Number: 190271_
Lot: R20046_

Formula: C₁₂H₂₂O₁₁

CAS #: 57-50-1

Physical Description: White Crystalline Powder

Formula Weight: 342.3

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥95%	99.90%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	177 - 187°C	177.9-180.5°C
Optical Rotation	+66.0°±5 (H ₂ O, NH ₄ OH)	+66.41°

UV/VIS (30% aq) OD260: 0.048

Solubility (50% aq soln): Clear and Colorless

Chloride: <0.0035%

Glucose: <0.02%

Heavy Metals (as Pb): <0.0005%

Sulfate: <0.005%

Iron: <0.0005%

RNAse: Negative

DNAse: Negative

Approved - 06/07/2005 by Joe Dietz

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)