



MP Biomedicals, LLC
29525 Fountain Parkway

Solon OH 44139
United States
800.854.0530
www.mpbio.com

Certificate of Analysis

Description: Sucrose, ultra pure	
Catalog number: 04821721B	QI Request No: N/A
Related Catalog number: 04802536 04821712 04821713 04821714 04821721	
Lot number: CD08023	Quality Level: N/A
Recommended Retest Date (MM/DD/YYYY): 01-18-2026	

Formula: C ₁₂ H ₂₂ O ₁₁	Formula Weight: 342.3
CAS #: 57-50-1	Storage: 15 - 30°C
	Storage Conditions: N/A

Additional Product information	Additional Lot Information
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Test Description	Specification	Result	Comments
Identity	PASS	PASS	
Chloride	<=0.005%	<0.005%	
DNase	Negative	Negative	
FTIR	Conforms to Standard	Conforms to Standard	
Glucose	<=0.1%	<0.1%	
Heavy Metals (as Pb)	<=0.0005%	<=0.0005%	
Iron	<=0.0005%	<0.0005%	
Optical Rotation (H ₂ O, NH ₄ OH)	+61.0 - +71.0°	+68.5°	
Purity	>=99%	=100%	
Physical Description	White Crystalline Powder	White Crystalline Powder	
RNase	Negative	Negative	
Solubility (50% aq soln)	Clear and Colorless	Clear and Colorless	
Sulfate	<=0.005%	<0.005%	
UV/VIS OD260 (30% aq)	<=0.1	0.08	

08-18-2023 Lily Liu
MP Biomedicals, LLC.

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Mail to: biotech@mpbio.com