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Certificate of Analysis

Product Description: L-(+)-Arabinose
Catalog Number: 100706
Lot: Q2494**Formula:** C₅H₁₀O₅
CAS #: 5328-37-0
Physical Description: White Powder**Formula Weight:** 150.1
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥98%	99.28%
FTIR	Conforms to Standard	Conforms to Standard
Optical Rotation (c=1, water)	+100° to +110°	+102.8°
Melting Point	152-165°C	154.6 - 155.5°C

Loss on drying: 0.20%
Ash: 0.02%
Chloride: <0.0005%
Sulfate: <0.002%
Heavy metals: <0.0005%
Arsenic: <0.00005%
Total plate count: <100 cfu/g
Coliform: Negative
Recommended Retest Date: 06/22/2016



06/24/2015 - John Huang, PhD
MP Biomedicals, LLC.
Senior QC Chemist

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