

Certificate of Analysis

Product Description: L-(+)-Arabinose

Catalog Number: 100706

Lot: YC0813

Formula: C₅H₁₀O₅
CAS #: 5328-37-0

Physical Description: White Powder

Formula Weight: 150.1

Storage: 15 - 30 °C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	>98%	99.72%
FTIR	Conforms to Standard	Conforms to Standard
Optical Rotation (c=1, water)	+100° to +110°	+104.1°
Melting Point	152-165°C	155.9°C

Loss on Drying: 0.069%

Ash: 0.020%

Chloride: <50 mg/kg

Sulfate: <50 mg/kg

Heavy Metals (as Pb): ≤5 mg/kg

Arsenic: ≤0.5 mg/kg

Lead (Pb): <0.5 mg/kg

Total Count 30°C: ≤100 cfu/g

Coliform: <3 MPN/g

Yeast & Mold: ≤100 cfu/g

Recommended Retest Date (MM/DD/YYYY): 01/31/2024



09/06/2022 - Lily Liu

MP Biomedicals, LLC.

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