

**MP Biomedicals, LLC**29525 Fountain Parkway  
Solon, Ohio 44139Telephone: 440/337-1200  
Toll Free: 800/854-0530

## Certificate of Analysis

**Product Description:** D-(-)-Arabinose, molecular biology reagent  
**Catalog Number:** 194023  
**Lot:** QR12478

**Formula:** C<sub>5</sub>H<sub>10</sub>O<sub>5</sub>  
**CAS #:** 28697-53-2  
**Physical Description:** White Powder

**Formula Weight:** 150.13  
**Storage:** Room Temperature, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	99.19%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	153 - 164°C	159°C
Optical Rotation	-97° to -107° (c=2, water)	-106.7°

Solubility (5% aq soln): Clear Solution  
Recommended Retest Date: 07/07/2019



07/20/2016 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager

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<mailto:biotech@mpbio.com>  
<http://www.mpbio.com>

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