

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: L-Citrulline_

Catalog Number: 101397_

Lot: 3083E_

Formula: $C_6H_{13}N_3O_3$

CAS #: 372-75-8

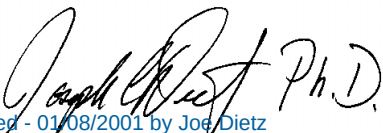
Physical Description: White Powder

Formula Weight: 175.19

Storage: +4°C

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms
pH (10% aq soln)	6.0 ± 0.5	5.88
Loss on Drying	$\leq 1.5\%$	0.28%
Optical Rotation	$+24^\circ \pm 5^\circ$ (c=1, 1N HCl)	28.85°

Purity - 100.1% (Dried Basis)


Approved - 01/08/2001 by Joe Dietz
MP Biomedicals, LLC.

Technical Director

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<http://www.mpbio.com>

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)