

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: L-Asparagine Anhydrous, cell culture reagent

Catalog Number: 194630

Lot: 5619B

Formula: $C_4H_8N_2O_3$

CAS #: 70-47-3

Physical Description: White Crystalline Powder

Formula Weight: 132.12

Storage: Room Temperature, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Purity	$\geq 99\%$	99%
FTIR	Conforms to Standard	Conforms to Standard
Loss on Drying	$\leq 1.0\%$	0.33%
Optical Rotation	+25° to +36° (c=10, 1N HCl)	+37.84°


11/15/2000 - Joseph Dietz, Ph.D.
MP Biomedicals, LLC.
Technical Director

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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)