



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** L-Phenylalanine, cell culture reagent  
**Catalog Number:** 194723  
**Lot:** R24455

**Formula:** C<sub>9</sub>H<sub>11</sub>NO<sub>2</sub>

**CAS #:** 63-91-2

**Physical Description:** White Powder

**Formula Weight:** 165.2

**Storage:** Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	99.82%
FTIR	Conforms to Standard	Conforms to Standard
UV/VIS: □ max (water)	257 ± 3 nm	257.0 nm
Optical Rotation	-35° ± 4° (c=2, water)	-34.4°

pH (1g in 100 ml water): 5.90

Loss on Drying: 0.2%

Heavy Metals: 0.0013%

Residue on Ignition: 0.07%

Lead: <10 mg

08/01/2008 - Robert Beattie

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)

