

**MP Biomedicals, LLC**

29525 Fountain Parkway  
Solon, Ohio 44139

Telephone: 440/337-1200  
Toll Free: 800/854-0530

Fax: 440/337-1180  
web: [www.mpbio.com](http://www.mpbio.com)

## Certificate of Analysis

**Product Description:** L-Tyrosine, cell culture reagent

**Catalog Number:** 194759

**Lot:** 3948B

**Formula:**  $C_9H_{11}NO_3$

**CAS #:** 60-18-4

**Physical Description:** White Powder

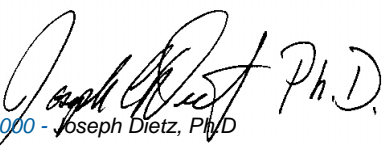
**Formula Weight:** 181.19

**Storage:** Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
UV/VIS: □□ max (water)	270 - 275 nm	Passes
Loss on Drying	<0.5%	0.05%
Optical Rotation (c=4, 1N HCl)	-9.0° to -12.0°	-11.4°

### Additional Testing for Information Only:

Assay: 99.5%

  
08/14/2000 - Joseph Dietz, Ph.D.  
MP Biomedicals, LLC.

Technical Director

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<mailto:biotech@mpbio.com>

<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)