

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: L-Tyrosine, cell culture reagent

Catalog Number: 194759

Lot: 4684B

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	270 - 275 nm
Loss on Drying	<0.5%	<0.5%
Optical Rotation (c=4, 1N HCl)	-9.0° to -12.0°	-9.0° to -12.0°

Approved - 11/27/2000 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)