



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: L-Glutamic Acid Monosodium Salt
Catalog Number: 101800
Lot: 8124J

Formula: C₅H₈NO₄Na·H₂O
CAS #: 142-47-2
Physical Description: White Powder

Formula Weight: 187.13
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	99.59%
Optical Rotation (c=1, 1 N HCl)	+20° to +36°	+24.97°
Loss On Drying	<0.5%	0.30%
pH (5% aq soln)	6.7 - 7.2	6.95
Solubility (10% aq soln)	Clear and Colorless	Clear and Colorless

Asenic: <2 ppm
Chloride: 0.027%
Heavy Metal: <10 ppm
Standard Plate Count: 1,000/g (max)
Coliform: Negative
E.coli: Negative
Salmonella: Negative

Christina Marotta

01/10/2008 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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<mailto:biotech@mpbio.com>
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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)