



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Casein Hydrolysate Acid  
**Catalog Number:** 101291  
**Lot:** 5187J

**Formula:** N/A  
**CAS #:** N/A  
**Physical Description:** Yellowish-beige Powder

**Formula Weight:** N/A  
**Storage:** Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Source	Bovine	Bovine
Total Nitrogen	~8.2%	8.40%
Amino Nitrogen	~6.1%	6.5%
Ash Content	~35%	33%
Loss on Drying	≤5%	2.4%
pH (2% aq soln)	5.0 - 7.0	5.7
Chlorides (as NaCl)	~35%	36.1%
Standard Plate Count	≤10,000/g	7 cfu/g
Salmonella	Negative	Negative/25 g
Coliform	Absent	Absent

Enterobacteriaceae: 0 cfu/g  
Nitrogen (AN/TN): 77.4

03/15/2007 - 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)