



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Casein Hydrolysate, Vitamin free, Salt free\_  
**Catalog Number:** 104778\_  
**Lot:** 1627K\_

**Formula:** N/A  
**CAS #:** N/A  
**Physical Description:** Off White Powder

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

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Reference	Conforms to Reference
pH (2% solution)	6.0 - 7.0	6.29
Water Content	≤3%	3
Color (2% solution)	≥ 55% Light Transmission at 450 nm	Passes

Ash Content: 1.2%  
Sodium Chloride: 0.9%  
Clarity: 0.27-0.47  
Total Nitrogen: 13.2%  
Amino Nitrogen: 10.2%  
Nitrogen Ratio (AN/TN): 77.3  
Salmonella: Absent  
Standard Plate Count: 55 cfu/g  
Enterobacteriaceae: 0

09/17/2008 - 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)