



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Casein Hydrolysate, Vitamin free, Salt free.

Catalog Number: 104778.

Lot: 5239K.

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	6.8
Water Content	#3%	2.2 - 2.8%
Color (2% solution)	#55% Light Transmission	81.1 - 85.9%T

Ash Content: 1.2%

Sodium Chloride: 0.8%

Clarity (2% aq soln, 2100AN): 0.136-0.24 NTU

Total Nitrogen: 13.5%

Amino Nitrogen: 10.4%

Nitrogen Ratio (AN/TN): 77

Salmonella: Absent/25 g

Standard Plate Count: 24 cfu/g

Enterobacteriaceae: 0 cfu/g

Christina Marotta

11/11/2009 - Christina Marotta

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)