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Certificate of Analysis

Product Description: Casein Hydrolysate Enzymatic
Catalog Number: 101290
Lot: 1437F

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
Casein Source:	Bovine Milk	Bovine Milk
Enzyme Source:	Porcine Pancreas	Porcine Pancreas
Nitrogen (Total):	8 - 16%	13.3%
Nitrogen (Amino):	4 - 10%	6.5%
Nitrogen (Amino/ Total Ratio):	45 -65	48.9
Ash Content:	4 - 10%	4.6 %
Loss on Drying:	1 - 7%	3-4%
pH (2% Solution):	5 - 7.5	6.6-6.7
Color (2% Solution 420 ABS):	≤ 0.2	0.092-0.106
Clarity (Hach 2100 AN):	≤ 0.3	0.21-0.26
Odor:	Typical	Typical
Standard Plate Count (Nf CFU/G 35C):	Not more than 10000	Not more than 10000
Salmonella/25g	Absent	Absent
Enterbacterm/10g	Not more than 10	Not more than 10

Handwritten signature of Joseph Dietz, Ph.D. in blue ink.

02/08/2002 - Joseph Dietz, Ph.D

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)