



**MP Biomedicals, LLC**

29525 Fountain Parkway  
Solon, Ohio 44139

Telephone: 440/337-1200  
Toll Free: 800/854-0530

Fax: 440/337-1180  
web: www.mpbio.com

## Certificate of Analysis

**Product Description:** Casein, Low Trace Metals\_  
**Catalog Number:** 960128\_  
**Lot:** R26042\_

<b>Formula:</b> N/A <b>CAS #:</b> 9000-71-9 <b>Physical Description:</b> Cream Powder	<b>Formula Weight:</b> N/A <b>Storage:</b> Room Temperature
---	--

Test	Specification	Result
Identity Test	Passes	Passes
Source	Milk	Milk
Protein	≥95.0%	98.2%
Moisture	≤10.0%	9.7%
Fat	≤1.5%	0.6%
Standard Plate Count	≤30,000 cfu/g	1800 cfu/g
Yeast and Mold	≤100 cfu/g	<1 cfu/g
Coliforms	≤10/g	<1 cfu/g
<i>E. coli</i> , <i>Staph. Coag. Pos.</i> , <i>Salmonella</i>	Negative	Negative
Heavy Metals	≤40 ppm	<3 ppm

30 mesh  
Precipitated by HCl from bovine milk  
Ash: 1.7%  
Free Acidity: 0.15ml/g  
Lactose Monohydrate: 0.1%  
Pesticides, Other: Not Detected  
Scorched Particles: A/50g  
600 um Particle Size Pass: 100%  
Listeria: Not Detected  
Thermophiles: 100 cfu/g  
Inhibitory Substances: <0.0025 IU/ml

Alkali Requirement: 6.1 ml/g

*Christina Marotta*

11/04/2009 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

This is an electronically generated document

<mailto:biotech@mpbio.com>

<http://www.mpbio.com>

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)