



MP Biomedicals, LLC

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530
Fax: 440/337-1180
mailto: biotech@mpbio.com
web: <http://www.mpbio.com>

TECHNICAL INFORMATION

Catalog Number: 960128

Casein, low trace element

Typical Analysis:

Protein	95.0%
Moisture	5.0%
Fat	1.5%
Lactose	0.2%
Ash	2.1%
pH (10% Solution)	4.6 to 5.1
Free acids	0.2%

Typical Elemental Analysis:

Calcium	61.2 ppm
Phosphorous	8250 ppm
Copper	1.38 ppm
Iron	3.16 ppm
Magnesium	18.0 ppm
Potassium	9.00 ppm
Sodium	19.0 ppm
Zinc	14.1 ppm

Typical Amino Acid Analysis:

Isoleucine	5.9 g/100 g
Leucine	9.0 g/100 g
Lysine	7.3 g/100 g
Phenylalanine	5.2 g/100 g
Threonine	4.0 g/100 g
Tryptophan	1.3 g/100 g
Valine	6.9 g/100 g
Methionine	2.9 g/100 g
Cystine	3.6 g/100 g
Alanine	2.8 g/100 g
Arginine	3.7 g/100 g
Aspartic Acid	5.8 g/100 g
Glutamic Acid	21.1 g/100 g
Glycine	1.9 g/100 g
Histidine	2.7 g/100 g
Proline	11.0 g/100 g
Serine	5.6 g/100 g
Tyrosine	5.6 g/100 g