



Product Data

First Milking Bovine Colostrum Powder

Nutrition*		
Total Calories	calories	469
Calories from Fat	calories	197
Total Fat	grams	22
Saturated Fat	grams	14
Transfat	grams	1.1
Cholesterol	mg	190
Sodium	mg	250
Total Carbohydrate	grams	14
Dietary Fiber	grams	0
Sugars	grams	12.5
Protein	grams	56
Vitamin A	IU	2290

Mineral*		
Iron	mg	0.5385
Manganese	mg	<0.0249
Zinc	mg	7.125
Calcium	mg	760
Magnesium	mg	140
Sodium	mg	250
Potassium	mg	590
Salt as Sodium Chloride	mg	1270
Phosphorus	mg	830
Copper	mg	0.0537
Selenium	mg	0.073

Features

- Single 1st milking post-calving
- 3rd party tested
- Most farms per batch in industry
- Refined processing
- HACCP/cGMP adherence
- FDA/USDA inspected

Benefits

- Most biologically active
- Verified 1st Milking only
- Batch to batch consistency
- Lowest effective dose
- Product safety
- Accountability

Packaging & Storage

15 kg (33 lb) fiber drums double lined with 4 mil LDPE bag.

Long-term Storage Conditions: Unopened, temperature <27° C (80° F), Humidity <65%

Shelf Life: 36 months from date of manufacture.

Essential Amino Acids*		
Histidine	grams	1.27
Isoleucine	grams	1.94
Lanthionine	grams	0.00
Leucine	grams	4.87
Lysine	grams	4.03
Methionine	grams	1.00
Phenylalanine	grams	2.35
Threonine	grams	3.47
Tryptophan	grams	1.21
Valine	grams	3.49
Total Essential Amino Acids	grams	23.62

Non-Essential Amino Acids*		
Alanine	grams	2.15
Arginine	grams	2.25
Aspartic Acid	grams	4.60
Cysteine	grams	0.89
Glutamic Acid	grams	8.93
Glycine	grams	1.71
Hydroxylysine	grams	0.00
Hydroxyproline	grams	0.01
Ornithine	grams	0.02
Proline	grams	4.61
Serine	grams	4.16
Taurine	grams	0.06
Tyrosine	grams	2.86
Total Non-Essential Amino Acids	grams	32.26

*Amount per 100 grams of First Milking Bovine Colostrum powder

To learn more call **800-634-5229** or visit **Colostrum.com**.

Immuno-Dynamics

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Immuno-Dynamics is a TechMix, LLC company



Technical Data

First Milking Bovine Colostrum Powder

Composition	Typical	Specification
Protein	56.1%	56.0 +/- 3.5%
Fat	21.4%	21.5 +/- 3.0%
Lactose	12.0%	12.0 +/- 2.5%
Ash	4.7%	≤9.0%
Moisture	4.7%	≤6.0%
IgG	26.0%	≥23.0 %
IgA	1.5%	
Lactoferrin	0.4%	
Oligosaccharides	0.5%	
Identity		
Protein/Lactose Ratio	4.6	≥3.8
IgG/Protein	42.5%	≥37.5%
pH (10% solution @ 20°C)	6.30	6.30 +/- 0.25
Color	Conforms	Off-White to cream
Taste	Conforms	Characteristic
Bulk Density (tapped)	350 g/liter	300-400 g/liter
Particle size	100% <US 16	100% <US 12
Solubility	>250 g/liter	
Purity		
Lead	<0.05 ppm	≤0.5 ppm
Cadmium	<0.02 ppm	≤0.4 ppm
Mercury	<0.02 ppm	≤1.0 ppm
Arsenic	<0.05 ppm	≤1.0 ppm
Org. Phosphorous Pesticides	Not Found	<1.0 ppm
Org. Chlorine Pesticides	Not Found	<1.0 ppm
PCB's	Not Found	<1.0 ppm
Inhibitory Substances (antibiotics)	Not Found	Not Found
Microbiological		
Standard Plate Count	<2,000 CFU/g	<10,000 CFU/g
Salmonella	Negative/25g	Negative/25g
Listeria	Negative/25g	Negative/25g
Coliforms	<3/g (negative)	≤10 CFU/g
Coagulase Positive Staph	Negative	<10 CFU/g
Yeast & Mold	≤20/g	≤100 CFU/g
Growth/Metabolic/Immuno-Regulating Components		
IGF-1	1500 ng/gram	
TGF-β2	1000 ng/gram	
Insulin	3.3 mIU/gram	
Leptin	140 ng/gram	
Thymosin α1	100 ug/gram	
Thymosin β4	2.5 mg/gram	



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