



Specifications & Analysis of Cold Processed Bovine Colostrum

Vitamins

Vitamin A	1400-1600ug/100g
Thiamine	600-700ug/100g
Riboflavin	2500-3500ug/100g
Pyridoxine	150-200ug/100g
Cobalamine	0.5-0.8ug/100g
Folic Acid	60-70ug/100g
Vitamin C	3100-3300ug/100g
Cholicalciferol	3.1-3.5ug/100g
Tocopherol	300-350ug/100g
Ubiquinone	50-80ug/100g

Immunoglobulins

IgG	30-60g/100g
IgA	5-7mg/100g
IgM	7-9mg/100g

Organic Molecules

Creatinine	9.2mg/g
Lactoferrin	9.2mg/g
Transferin	5.1mg/g
Creatine	2mg/g

Free Amino Acids

Alanine	8.0-9.0mg/100g
Argenine	7.0-8.0mg/100g
Aspartic Acid	3.0-4.0mg/100g
Beta Alanine*	0.2-0.5mg/100g
Citrulline	1.2-1.6mg/100g
Cysteine	0.2-0.4mg/100g
Glutamine	8.0-10.0mg/100g
Glutamic Acid*	40-55mg/100g
Glycine	6.0-7.0mg/100g
Histidine	1.5-2.5mg/100g
Isoleucine	6.0-7.0mg/100g
Leucine	12-13mg/100g
Lysine	10-11mg/100g
Methionine	1.2-1.8mg/100g
Ornithine	0.6-1.1mg/100g
Phenylalanine	6.5-7mg/100g
Phosphoethanolamine*	30-45mg/100g
Phosphoserine*	10-15mg/100g
Proline	7-12mg/100g
Serine	5-8mg/100g
Taurine	120-140mg/100g
Threonine	3.5-5.5mg/100g
Tryptophan	8-12mg/100g
Tyrosine	3.5-5.5mg/100g
Valine	12-16mg/100g

*Non-Essential for the Human Body

Minerals

Sodium	17mg/g
Potassium	253mg/g
Magnesium	2mg/g
Iron	0.003mg/g
Copper	0.0007mg/g
Zinc	0.0006mg/g
Chromium	0.0002mg/g
Phosphoric Acid	6mg/g
Selenium	0.00004mg/g
Calcium	5.5mg/g

Growth Factors

IGF-1	200-300ug/100g
TGF-beta	5-10ug/100g
IGF-2	15-25ug/100g
Epithelial Growth Factor	
Vasoendothelial Growth Factor	
Fibroblast Growth Factor	
Gonadotropin Releasing Factor	
Nerve Growth Factor	
Platelet Derived Growth Factor	

Cykotines

Interleukin 1,2, and 10
Gamma Interferon
Lymphokine
Tumor Necrosis Factor

Additional Factors found in Cold Processed Bovine Colostrum:

Alpha-2 and AP Glycoprotein, Alpha Lactalbumin, Transferrin, Lactoferrin, Proline Rich Polypeptides, Xanthine Oxidase, Hemopexin, Biotin, Insulin, Prolactin, L-Carnitine, Endorphins, Cortisol, LH, FSH, Prolactin, Testosterone, Estradiol, Progesterone, Free T3 and T4, TSH, Calcitonin, PTH and DHEA.