



BioCleanse Plus

Serving Size 2 (two) level scoops
Servings Per Container 21

Amount Per Serving

Calories	130
Calories from Fat	35
Total Fat	4 g
Saturated Fat	1 g
Trans Fat	0 g
Total Carbohydrate	11 g
Dietary Fiber	2 g
Soluble Fiber	2 g
Sugars	5 g
Other Carbohydrates	3 g
Protein	14 g
Vitamin A (beta carotene, retinyl palmitate)	5000 IU
Vitamin C (sodium ascorbate)	300 mg
Vitamin D (cholecalciferol)	80 IU
Vitamin E (D-alpha tocopheryl acetate)	50 IU
Thiamin (HCl)	2 mg
Riboflavin (riboflavin-5-phosphate)	2 mg
Niacin (niacinamide)	7 mg
Vitamin B6 (pyridoxine HCl, pyridoxal-5'-phosphate)	3 mg
Folate (folic acid)	80 mcg
Vitamin B12 (cyanocobalamin)	4 mcg
Biotin	135 mcg
Pantothenic acid (calcium pantothenate)	36 mg
Calcium (glycinate, pea protein isolate phosphate, rice protein)	170 mg
Phosphorus (dipotassium phosphate, rice protein, pea protein isolate)	60 mg
Iodine (potassium iodide)	53 mcg
Magnesium (glycinate, oxide)	185 mg
Zinc (glycinate)	10 mg
Selenium (selenomethionine)	40 mcg
Copper (glycinate)	1 mg
Manganese (glycinate)	1 mg
Chromium (nicotinate)	50 mcg
Molybdenum (AAC)	100 mcg
Sodium	150 mg
Potassium (citrate/iodide)	200 mg
Glycine	1500 mg
L-lysine	1000 mg
Cold milled flax seed	1000 mg
L-threonine	540 mg
Calcium D-glucarate	100 mg
Milk thistle seed extract (<i>Silybum marianum</i>)	200 mg
Taurine	150 mg
MSM (methyl sulfonyl methane)	100 mg
Enzyme blend	50 mg
Protease, invertase, peptidase, amylase, lactase, cellulase, lipase, maltase	

continued on reverse

BIOCLEANSE PLUS

COMPREHENSIVE SUPPORT FOR DETOXIFICATION AND GASTROINTESTINAL HEALTH*

- Supports chelation and clearing of metabolic and xenobiotic toxins*
- Provides specialty nutrients to support digestive health and intestinal barrier function*
- Multivitamin/mineral
- Great-tasting vegan formula made with rice, pea, and chlorella proteins

BIOCLEANSE PLUS is the newest addition to the BioCleanse Detoxification line of products. Thousands of practitioners and patients have achieved successful detoxification results following the BioGenesis BioCleanse protocol. BioCleanse is designed to help the body eliminate toxins via support of the phase 1 and phase 2 processes in the liver. BioCleanse *Plus* provides many of the same great nutrients as the original BioCleanse powder with additional support for gastrointestinal health. Many patients with impaired liver clearing also experience issues with intestinal barrier function. Intestinal hyperpermeability (“leaky gut”) can lead to increased absorption of toxins and other poorly digested molecules which can cause stress on phase 1 and 2 detox processes. The nutrients in BioCleanse *Plus* were designed to support hepatic clearing while simultaneously promoting optimal digestive processes.*

PEA, RICE, AND CHLORELLA PROTEINS provide a low-allergen, vegan protein base that has a pleasant taste and texture. In addition to providing a unique source of complete protein, chlorella has been shown to support detoxification and immunity. Chlorella protein is sustainably grown and provides a highly beneficial nutrition profile. The protein blend in BioCleanse *Plus* provides 1200-1500 mg of glutamine per serving to promote optimal enterocyte health.*

MULTIVITAMIN/MINERAL blend to support all metabolic processes. Healthy detoxification is reliant upon meeting all the requirements for the basic micronutrients. Inadequate intake of vitamins and minerals can cause stress to the body and interfere with essential endogenous activity. All of the vitamins and minerals in BioCleanse *Plus* are in highly absorbable and bioavailable forms.*

NAC (N-ACETYL L-CYSTEINE) is a form of the amino acid L-cysteine. It acts as an antioxidant by promoting the production of glutathione, a detoxification molecule. NAC protects against lipid hydroperoxidases and hydrogen peroxide radicals.*

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Amount Per Serving

Sodium sulfate	75 mg
Green tea leaf extract (<i>Camellia sinensis</i>) (80% polyphenols/30% EGCG)(decaffeinated)	50 mg
NAC (N-acetyl cysteine)	50 mg
<i>Bacillus coagulans</i>	400 million CFU
L-cysteine (HCl)	10 mg

OTHER INGREDIENTS: Protein blend (pea protein isolate, rice protein concentrate, chlorella protein), cane juice solids, sunflower oil, inulin fiber (chicory), brown rice syrup solids, natural flavors, medium chain triglycerides, sodium chloride, potassium citrate, xanthan gum, guar gum, sodium citrate, stevia leaf extract.

SUGGESTED USE: Blend, shake, or briskly stir 1 serving (2 level scoops) into 8-10 oz. of water or beverage of choice one to three times per day or as directed by your healthcare professional.

REFERENCES:

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2. Larysa Hun, MD, FAAP. *Bacillus coagulans* Significantly Improved Abdominal Pain and Bloating in Patients with IBS. *PostGraduate Medicine.* 2009 Mar;121(2).
3. Layer P, et al. Pancreatic enzymes: Secretion and luminal nutrient digestion in health and disease. *J Clin Gastroenterol.* 1999 Jan;28(1):3-10.
4. Mira Baron, MD. A Patented Strain of *Bacillus coagulans* Increased Immune Response to Viral Challenge. *PostGraduate Medicine.* 2009 Mar;121(2):114-8.
5. Meyer D, Stasse-Wolthuis M. The bifidogenic effect of inulin and oligofructose and its consequences for gut health. *Eur J Clin Nutr.* 2009 Nov;63(11):1277-89.
6. Oredipe OA, Barth RF, Dwivedi C, Webb TE. Dietary glucarate-mediated inhibition of initiation of diethylnitrosamine-induced hepatocarcinogenesis. *Toxicology.* 1992 Sep;74(2-3):209-22.

CALCIUM D-GLUCARATE supports the process by which healthy cells eliminate waste and foreign elements. It does this by regulating the activity of the enzyme beta-glucuronidase. In this way, it supports the glucuronidation detoxification cellular cleansing process.*

GREEN TEA EXTRACT (*Camellia sinensis*)(decaffeinated) is a source of the antioxidant epigallocatechin gallate (EGCG). Byproducts of phase 1 detoxification activity can increase levels of free radical activity. EGCG has potent free radical-quenching capabilities.*

COLD MILLED FLAX SEED is a shelf stable source of alpha-linoleic acid (ALA 18:3 ω-3), a plant source omega-3 fatty acid. ALA can be converted *de novo* via elongase and desaturase enzymes to the long-chain omega-3 fatty acids eicosapentaenoic acid and docosahexaenoic acid. Intake of omega-3 fatty acids is essential during detoxification to help promote healthy regeneration of cell membranes.*

DIGESTIVE ENZYMES are secreted naturally by the salivary glands, pancreas, stomach, and brush border for the digestion and breakdown of dietary macronutrients. For many patients, secretion of endogenous enzymes is insufficient to meet digestive needs. As humans have switched to a diet that focuses primarily on processed foods, dietary consumption of enzymes from raw foods has declined, placing greater demand on endogenous enzyme secretion. Poorly digested food particles can not only interfere with nutrition status, but can also initiate an inflammatory response within the gastrointestinal tract.*

BACILLUS COAGULANS is a vegan-sourced, highly resilient probiotic. Numerous studies have demonstrated the benefits of probiotics in the support of gastrointestinal health and immunity. In a study of IBS patients, reduction of abdominal pain and bloating was seen among participants who were supplemented with *B. coagulans*. The strain of *B. coagulans* used in BioCleanse Plus was also shown to significantly increase T-cell production of TNF-α in response to adenovirus exposure in a clinical observation of ten patients. BioCleanse Plus also contains inulin, a prebiotic fiber which may support intestinal growth of health-supporting probiotics.*

SODIUM SULFATE, L-CYSTEINE, AND MSM (METHYL SULFONYL METHIONINE) supply essential sulfur for sulfur-dependent conjugation processes in the liver. Sodium sulfate provides a form of inorganic sulfur which can be used immediately for detoxification processes. L-cysteine and MSM provide organic sulfur as a source for additional inorganic sulfur production.*

*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.