

GlucoBalance®

Support for Normal Glucose Levels

Effective regulation of blood glucose has important implications for health. Even mild disruptions of glucose homeostasis can have adverse consequences. Chronic diabetes may result in cardiovascular disease, neuropathy, blindness, or renal failure. Hypoglycemia (also called reactive hypoglycemia or dysinsulinism), though not generally associated with the organ damage seen in diabetes, can be responsible for a number of troublesome physical and psychological symptoms.

The human body possesses a complex set of checks and balances to maintain blood glucose concentrations within a narrow range. Blood sugar control is influenced by the pituitary, thyroid, and adrenal glands, as well as by the pancreas, liver, kidney, and even skeletal muscle.

Glucose homeostasis also depends on the presence of a wide range of micronutrients. In the typical American diet, high in refined and processed foods, many of these micronutrients are in short supply. In addition, some individuals with blood sugar disorders may have a special dietary need for higher amounts of one or more micronutrients.

The following nutrients are particularly important when considering blood sugar disorders:



*Formulated for Biotics Research
by Jonathan V. Wright, M.D. and
Alan R. Gaby, M.D., leaders in the field of
nutritional science.*

Chromium — The effect of chromium on glucose metabolism apparently requires its conversion to glucose tolerance factor (GTF), a low-molecular-weight compound that contains chromium, niacin (nicotinic acid), glycine, glutamic acid, and cysteine. GTF, has been shown to potentiate the action of insulin at the cellular level.^(1,4)

Tissue chromium levels were found to decline with age in Americans.⁽²⁾ In other studies, including one by the U.S. Department of Agriculture, more than 50% of people consumed less than the lower level of chromium recommended by the National Academy of Sciences, Nutritional Research Council.^(3,37)



(800) 840-1676

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Chromium aspartate is a well-utilized form of supplemental chromium being solubilized at a wide range of pH. The amounts of chromium used in most clinical trials (*150 to 200 ug/day) are apparently inadequate for some patients, even when more efficient chromium compounds are used. Larger amounts of chromium, such as 500 to 1,000 ug/day, have often had a greater benefit.⁽⁴⁾

Contains both niacin, a vital component of GTF (Glucose Tolerance Factor) and niacinamide, necessary for producing NAD (Nicotinamide Adenine Dinucleotide) in insulin secreting pancreatic B cells.

Formulated with a uniquely high amount of biotin- 3,000 mcg. Biotin is essential for glucose phosphorylation by hepatic glucokinase, the first step in glucose utilization.

Antioxidant activity in vitamin E and selenium.

Niacin and Niacinamide — As a component of glucose tolerance factor, niacin plays an important role in carbohydrate metabolism. Many refined foods consumed by Americans are depleted of niacin. Grains and other foods that are “enriched” usually contain added niacinamide, which apparently cannot be converted by the human body into niacin. In addition, many vitamin supplements contain niacinamide, rather than niacin. Although niacinamide is capable of performing most of the functions of vitamin B3, a small amount of niacin seems to be necessary for the synthesis of GTF.⁽⁵⁾ Both niacin and niacinamide may also be important for blood sugar control through a mechanism unrelated to GTF. As precursors to

NAD, which is an important metabolite concerned with intracellular energy production, niacin and niacinamide may prevent the depletion of NAD in pancreatic B cells.

Biotin — The initial step in glucose utilization by the cell is its phosphorylation, mediated by the biotin-dependent enzyme hepatic glucokinase. Thus adequate biotin intake is required to initiate intracellular glucose into the cell.⁽⁶⁾

Biotin may also play a role in stabilizing blood sugar levels through biotin-dependent enzymes acetyl CoA carboxylase and pyruvate carboxylase.⁽³⁷⁾ Thus biotin deficiency should be avoided in those with blood sugar disorders.

Pyridoxine (vitamin B6) — Serum vitamin B6 levels were below normal in 25% of 518 diabetics.⁽⁷⁾ Particularly where peripheral neuropathy is present, the inadequate B6 intake should be contemplated.⁽⁸⁾

Copper — Because the typical American diet contains only about half of the RDA (2mg/day) for copper^(9,36) deficiency of this mineral may be common. Copper is involved with insulin binding, and copper deficiency in mammals may be reflected in increased glycosylated hemoglobin, indicative of chronically raised blood sugar levels.⁽¹⁰⁾

Magnesium — The American diet is often low in magnesium. Dietary surveys have shown that 80-85% of American women consume less than the RDA for the mineral.⁽¹¹⁾ Daily magnesium intake in two other studies was only about two thirds of the RDA.^(12,13,36) This may be particularly relevant in diabetics, where magnesium deficiency is thought to play a role in the development of insulin resistance.⁽¹⁴⁾ Serum magnesium has been found to be significantly lower in many diabetics,⁽¹⁵⁾ therefore, it is reasonable to make sure that diabetics have adequate dietary intake of magnesium. Low magnesium levels may also be associated with hypoglycemia.⁽¹⁶⁾



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Zinc—Zinc is involved both with insulin synthesis by pancreatic B cells⁽¹⁷⁾ and insulin binding to liver and adipose tissue cells.^(18,19) People with zinc deficiency may have significantly higher glucose levels and lower insulin levels than similar patients without zinc deficiency.⁽²⁰⁾

Vitamin C (ascorbic acid)—Ascorbic acid levels may be lower in diabetics than controls⁽²²⁾ and patients with inadequate ascorbic acid levels may be found to have abnormal blood sugar curves.⁽²³⁾ In addition, ascorbic acid may compete with glucose for transport across cell membranes,⁽²⁴⁾ so that in hyperglycemia, ascorbic acid transport into the cell may be inhibited.⁽²⁵⁾

Ascorbic acid deficiency may allow sorbitol to accumulate in erythrocytes, which may predispose diabetics to certain types of end-organ damage.⁽²⁶⁾

Care should be taken to ensure that those with blood sugar abnormalities have adequate ascorbic acid intake.

Manganese—Manganese is a cofactor for certain enzymes involved in the intermediary metabolism of carbohydrates. In addition, the concentration of manganese in the pancreas is approximately ten times higher than in other organs.⁽²⁷⁾

The optimal intake of manganese is not known but at least half of the manganese is lost when whole grains are replaced by refined flour.⁽²⁹⁾ The American diet may be low in manganese.⁽³⁶⁾

Both B₁₂ and folate are involved in a number of different steps in carbohydrate metabolism and the incidence of B₁₂ deficiency was significantly greater in a series of diabetics than in the general population.⁽³⁰⁾ Folate is involved with gluconeogenesis as a cofactor with key enzymes in the liver and small intestine.⁽³¹⁾ Deficiency of either B₁₂ or folate is to be avoided in those with blood sugar abnormalities.

Vitamin B1 (thiamin)—Central to carbohydrate metabolism and Krebs Cycle function is adequate thiamin levels, and diabetics are more often deficient in thiamin.⁽³²⁾ Care should be taken to ensure that thiamin intake is adequate in those with diabetes and hypoglycemia.

Carnitine—Carnitine is involved as part of a vital transport mechanism of fat metabolism in which fat enters energy production pathway. Carnitine supplementation may be considered in those with blood sugar abnormalities.

Vanadium—Vanadate is an oxidized form of vanadium. Due to possible insulinotropic effects of vanadate⁽³³⁾, inadequate amounts of this trace mineral is undesirable in those with blood sugar abnormalities.

Vitamin E and Selenium—Vitamin E and selenium are essential nutritional factors, which act as antioxidants and may be involved in glucose balance.^(34,35) As many complications associated with diabetes may be related to excess free radical activity, prudence demands that adequate selenium and vitamin E be supplied in the diabetic diet.

References:

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Glucobalance® is available in 180-count bottles (#1851).

Supplement Facts			Supplement Facts		
Serving Size: 6 Capsules			Serving Size: 6 Capsules		
Servings Per Container: 30			Servings Per Container: 30		
	Amount Per Serving	% Daily Value		Amount Per Serving	% Daily Value
Vitamin A (as retinyl acetate)	1,500 mcg RAE	167%	Zinc (as zinc picolinate and zinc citrate)	30 mg	273%
Vitamin C (as calcium ascorbate and ascorbic acid)	500 mg	556%	Selenium (as selenomethionine)	150 mcg	273%
Vitamin D (as cholecalciferol)	20 mcg	100%	Copper (as copper gluconate)	2 mg	222%
Vitamin E (as dl-alpha tocopheryl acetate)	270 mg	1,800%	Manganese (as manganese citrate)	10 mg	435%
Thiamin (B1) (as thiamin mononitrate)	50 mg	4,167%	Chromium (as chromium aspartate)	1,000 mcg	2,857%
Riboflavin (B2)	25 mg	1,923%	Potassium (as potassium aspartate)	99 mg	2%
Niacin (as niacinamide and niacin)	150 mg	938%	Vanadium (as vanadium aspartate)	20 mcg	-
Vitamin B6 (as pyridoxine hydrochloride)	30 mg	1,765%	L-Carnitine fumarate	30 mg	-
Folate (as calcium folinate)	800 mcg DFE	200%	* Daily Value not established		
Vitamin B12 (as methylcobalamin)	50 mcg	2,083%	Other ingredients: Capsule shell (gelatin and water), steric acid and magnesium stearate (vegetable source).		
Biotin	3,000 mcg	10,000%	This product is gluten, dairy and GMO free.		
Pantothenic Acid (as calcium pantothenate)	100 mg	2,000%	RECOMMENDATION: Six (6) capsules each day, with meal, as a dietary supplement or as otherwise directed by a healthcare professional.		
Calcium (as ascorbate, citrate and carbonate)	200 mg	15%	WARNING: If you are taking Diabetes medications, do not use this product without medical supervision.		
Magnesium (as aspartate, citrate and oxide)	400 mg	95%			

KEEP OUT OF REACH OF CHILDREN
Store in a cool, dry area.
Sealed with an imprinted safety seal for your protection.

Product # 1851 Rev. 01/19



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Ask Your Healthcare Professional About
These Products for Nutritional Support

ADHS® is an adaptogenic adrenal formulation designed to support normal cortisol levels. ADHS® contains no glandular material and is appropriate for vegetarians.

Bio-DK Caps™/Mulsion™ delivers an impressive 5000 IU of vitamin D3, with vitamins K1 and K2 in a micro-emulsified formula.

Bio-Glycozyme Forte™ is a broad-spectrum product designed to support normal, healthy glycemc function. It provides vitamins, minerals and organ/glandular support to specifically target glycemc health.

Biomega-1000™ provides a potent dose of omega-3 essential fatty acids (EFAs), sourced from a strategically-placed facility in the far South Pacific Ocean off the coast of Chile, guaranteeing the freshest raw material available, full traceability of the product and unparalleled purity.

Cytozyme-PT/HPT™ supplies glandular specific support as Lamb Pituitary/Hypothalamus Complex Concentrate, combined with SOD and catalase, important antioxidant enzymes.

Optimal EFAs® provide a complete, healthy balance of essential fatty acids (EFAs), which are important to good health. Fatty acid imbalances are common, and essential fatty acid deficits generally occur in combination. Therefore, supplementation with the balanced combination of EFAs supplied by **Optimal EFAs®** is prudent for optimal health.

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**For more information, consult
your Healthcare Professional.**



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Glucobalance®

*Support for Healthy
Blood Sugar Levels*



Why GlucoBalance®?

For Individuals with Blood Sugar Abnormalities Who Require Nutritional Supplementation Due to an Insufficient Diet

The human body possesses a complex set of checks and balances to maintain blood glucose concentrations within a narrow range. Even mild disruptions of glucose homeostasis can have adverse consequences. For example, chronic diabetes may result in cardiovascular disease or renal failure. On the other hand, low blood sugar, or dysinsulinism, can be responsible for a number of troublesome physical and psychological symptoms.

Blood sugar control is influenced by the pituitary, thyroid, and adrenal glands, as well as by the pancreas, liver, kidney, and even skeletal muscle. Maintaining healthy blood sugar levels also depends on the presence of a wide range of micronutrients often lacking in the typical American diet, which is generally high in refined carbohydrates and poor-quality fats. Therefore, individuals with undesirable blood sugar levels may have special dietary needs for higher amounts of important micronutrients.

With this in mind, renowned doctors Jonathan Wright, M.D. and Alan Gaby, M.D. formulated **GlucoBalance®** for Biotics Research Corporation. **GlucoBalance®** has years of widespread clinical use in the United States and Europe. In fact, **GlucoBalance®** has been studied, and its clinical effectiveness documented. The success

of **GlucoBalance®** results from its unique composition of key micronutrients, which provide documented benefits in supporting healthy blood sugar levels.

For example, **GlucoBalance®** supplies both niacin and niacinamide. Niacin, a low-molecular-weight compound, is a vital component of glucose tolerance factor shown to potentiate the action of insulin at the cellular level. Niacinamide is used in the production of Nicotinamide Adenine Dinucleotide (NAD) in insulin-secreting pancreatic B cells. Additionally, a uniquely high amount (3,000 mcg) of biotin, essential for glucose phosphorylation by hepatic glucokinase (the first step in glucose utilization) is provided as a synergist.

Frequently, based on their evaluations, healthcare professionals will recommend adjunctive support to be taken with **GlucoBalance®**, such as essential fatty acids (**Optimal EFAs®**, **Biomega-1000™**, etc.), **Cytozyme PT/HPT™** (special glandular support for the pituitary and hypothalamus) or **ADHS®** (support for adrenal function). When combined with lifestyle modification (dietary changes and exercise), significant beneficial results may be noted in as little as a few weeks.



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Supplement Facts					
Serving Size: 6 Capsules					
Servings Per Container: 30					
	Amount Per Serving	% Daily Value			
Vitamin A (as retinyl acetate)	1,500 mcg RAE	167%	Zinc (as zinc piccolinate and zinc citrate)	30 mg	273%
Vitamin C (as calcium ascorbate and ascorbic acid)	500 mg	556%	Selenium (as selenomethionine)	150 mcg	273%
Vitamin D (as cholecalciferol)	20 mcg	100%	Copper (as copper gluconate)	2 mg	222%
Vitamin E (as d-alpha-tocopheryl acetate)	270 mg	1,800%	Manganese (as manganese citrate)	10 mg	435%
Thiamin (B1) (as thiamin mononitrate)	50 mg	4,167%	Chromium (as chromium aspartate)	1,000 mcg	2,857%
Riboflavin (B2)	25 mg	1,923%	Potassium (as potassium aspartate)	99 mg	2%
Niacin (as niacinamide and niacin)	150 mg	938%	Vanadium (as vanadium aspartate)	20 mcg	*
Vitamin B6 (as pyridoxine hydrochloride)	30 mg	1,765%	L-Carnitine fumarate	30 mg	*
Folate (as calcium folinate)	800 mcg DFE	200%			
Vitamin B12 (as methylcobalamin)	50 mcg	2,083%			
Biotin	3,000 mcg	10,000%			
Pantothenic Acid (as calcium pantothenate)	100 mg	2,000%			
Calcium (as ascorbate, citrate and carbonate)	200 mg	15%			
Magnesium (as aspartate, citrate and oxide)	400 mg	95%			

* Daily Value not established

Other ingredients: Capsule shell (gelatin and water), steric acid and magnesium stearate (vegetable source).

This product is gluten, dairy and GMO free.

RECOMMENDATION: Six (6) capsules each day, with meal, as a dietary supplement or as otherwise directed by a healthcare professional.

WARNING: If you are taking Diabetes medications, do not use this product without medical supervision.

KEEP OUT OF REACH OF CHILDREN
Store in a cool, dry area.
Sealed with an imprinted safety seal for your protection.

Product # 1851 Rev. 01/19

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Other Primary Cardiometabolic Support Formulas



Berberine HCl

Product Number: 5212 (90C)

Berberine HCl supplies Berberine HCl isolated from Berberis vulgaris (barberry). Berberine has a long history of use in both Chinese and Ayurvedic medicine to support normal glucose and/or lipid metabolism.

Active Ingredients:

Berberine Hydrochloride. Berberine HCl is purified from Berberis vulgaris.



Supplement Facts		
Serving Size: 1 Capsule		
	Amount Per Serving	% Daily Value
Berberine Hydrochloride	500 mg	*
* Daily Value not established		

Other ingredients: Cellulose, capsule shell (gelatin and water) and magnesium stearate (vegetable source).

Berberine HCl is purified from Berberis vulgaris.
This product is gluten, dairy and GMO free.



Biomega-1000™

Product Number: 1417 (90C)

Biomega-1000™ provides a potent dose of omega-3 essential fatty acids (EFAs), sourced from a strategically-placed facility in the far South Pacific Ocean off the coast of Chile, guaranteeing the freshest raw material available, full traceability of the product and unparalleled purity. Biomega-1000™ capsules deliver an impressive 1,000 mg of EPA and DHA, making it the ideal choice for therapeutic dosing.

Active Ingredients:

Vitamin E (as mixed tocopherol), Omega-3 fatty acids



Supplement Facts		
Serving Size: 1 Softgel Capsule		
	Amount Per Serving	% Daily Value
Calories	15	
Calories from Fat	15	
Total Fat	1.5 g	2%*
Saturated Fat	<1 g	<3%*
Vitamin E (as mixed tocopherols)	4 mg	27%*
Omega-3 fatty acids	1.14 g	†

* Percent Daily Values based on a 2,000 calorie diet
† Daily Value not established

Other ingredients: Capsule shell (gelatin, glycerin, water and carob).

Contains ingredients derived from Anchovy.
This product is gluten and dairy free.

Each softgel capsule of Biomega-1000™ contains 1,000 mg of EPA and DHA, providing a natural source of the following total Omega-3 fatty acids:	
EPA (Eicosapentaenoic acid)	570 mg
DHA (Docosahexaenoic acid)	430 mg
Additional Omega-3 Fatty Acids	140 mg

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CoQ-Zyme 100 Plus™

Product Number: 2617 (60C)

CoQ-Zyme 100 Plus™ supplies 100 mg of emulsified co-enzyme Q10, along with the B-complex vitamins Thiamin, Riboflavin, Niacin, Vitamin B6, Folate, Vitamin B12, Biotin and Pantothenic acid.

Active Ingredients:

Thiamin (B1) (as cocarboxylase chloride); Riboflavin (B2) (as riboflavin-5-phosphate); Niacin (as niacin & niacinamide); Vitamin B6 (as pyridoxal-5-phosphate); Folate (as calcium folinate); Vitamin B12 (as methylcobalamin); Biotin; Pantothenic acid (as calcium pantothenate); Coenzyme Q10 (emulsified); Superoxide Dismutase (from vegetable culture†); Catalase (from vegetable culture†) † Specially grown, biologically active vegetable culture containing naturally associated phytochemicals including polyphenolic compounds with SOD and catalase, dehydrated at low temperature to preserve associated enzyme factors.



GlucoBalance®

Product Number: 1850 (90C) and 1851 (180C)

GlucoBalance® was formulated by Johnathan Wright, MD and Alan Gaby, MD, and is specifically targeted to support individuals with undesirable blood sugar levels. In these individuals, specific dietary needs may exist, necessitating the need for higher amounts of important micronutrients. Deficiencies of certain minerals such as potassium, magnesium, zinc and chromium, are well documented in those with uncontrolled hyperglycemia, and may predispose these individuals to carbohydrate intolerance. (Chadeh JM, Sheikh-Ali M, Mooradian AD. The Role of Micronutrients in Managing Diabetes. Diabetes Spectrum. September 21, 2009 22:4 214-218.) GlucoBalance® may also be beneficial in supporting normal, healthy blood lipid levels.

Active Ingredients:

Vitamin A (as retinyl acetate); Vitamin C (as calcium ascorbate and ascorbic acid); Vitamin D (as cholecalciferol); Vitamin E (as d-alpha tocopheryl acetate); Thiamin (B1) (as thiamin mononitrate); Riboflavin (B2); Niacin (as niacinamide and niacin); Vitamin B6 (as pyridoxine hydrochloride); Folate (as calcium folinate); Vitamin B12 (as methylcobalamin); Biotin; Pantothenic Acid (as calcium pantothenate); Calcium (as ascorbate, citrate and carbonate); Magnesium (as aspartate, citrate and oxide); Zinc (as zinc picolinate and zinc citrate); Selenium (as selenomethionine); Copper (as copper gluconate); Manganese (as manganese citrate); Chromium (as chromium aspartate); Potassium (as potassium aspartate); Vanadium (as vanadium aspartate); L-Carnitine fumarate

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Supplement Facts		
Serving Size: 1 Capsule		
	Amount Per Serving	% Daily Value
Thiamin (B1) (as cocarboxylase chloride)	1.5 mg	100%
Riboflavin (B2) (as riboflavin-5-phosphate)	1.7 mg	100%
Niacin (as niacin & niacinamide)	20 mg	100%
Vitamin B6 (as pyridoxal-5-phosphate)	2 mg	100%
Folate (as calcium folinate)	400 mcg	100%
Vitamin B12 (as methylcobalamin)	6 mcg	100%
Biotin	300 mcg	100%
Pantothenic acid (as calcium pantothenate)	10 mg	100%
Coenzyme Q10 (emulsified)	100 mg	*
Superoxide Dismutase (from vegetable culture†)	80 mcg	**
Catalase (from vegetable culture†)	80 mcg	**

* Daily Value not established

Other ingredients: Capsule shell (gelatin and water), gum arabic and magnesium stearate (vegetable source).



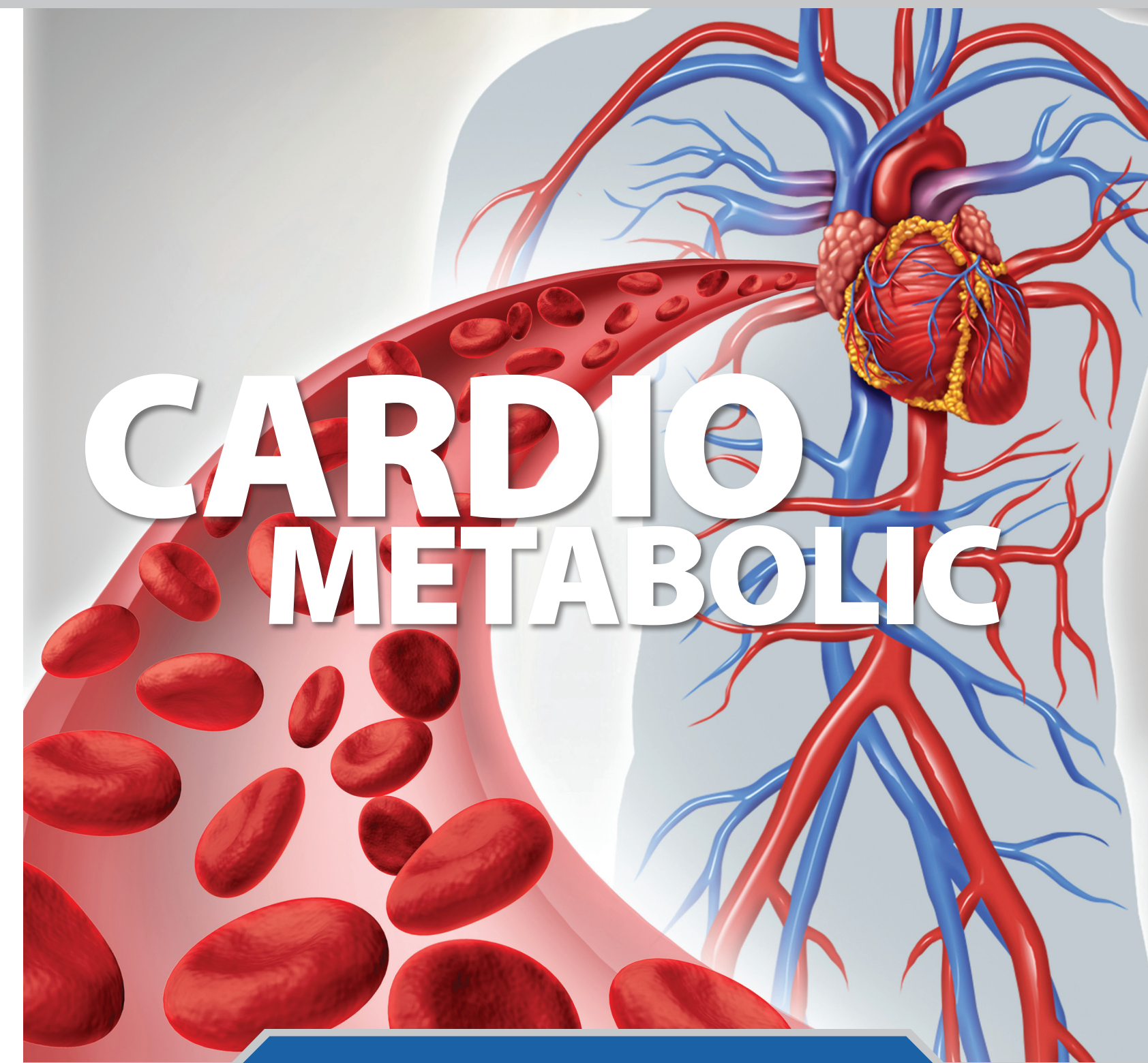
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Vitamin E (as d-alpha tocopheryl acetate)	270 mg	1,800%
Thiamin (B1) (as thiamin mononitrate)	50 mg	4,167%
Riboflavin (B2)	25 mg	1,923%
Niacin (as niacinamide and niacin)	150 mg	938%
Vitamin B6 (as pyridoxine hydrochloride)	30 mg	1,765%
Folate (as calcium folinate)	800 mcg DFE	200%
Vitamin B12 (as methylcobalamin)	50 mcg	2,083%
Biotin	3,000 mcg	10,000%
Pantothenic Acid (as calcium pantothenate)	100 mg	2,000%
Calcium (as ascorbate, citrate and carbonate)	200 mg	15%
Magnesium (as aspartate, citrate and oxide)	400 mg	95%

	Amount Per Serving	% Daily Value
Zinc (as zinc picolinate and zinc citrate)	30 mg	272%
Selenium (as selenomethionine)	150 mcg	272%
Copper (as copper gluconate)	2 mg	222%
Manganese (as manganese citrate)	20 mg	870%
Chromium (as chromium aspartate)	1,000 mcg	2,857%
Potassium (as potassium aspartate)	99 mg	2%
Vanadium (as vanadium aspartate)	20 mcg	*
L-Carnitine fumarate	30 mg	*

* Daily Value not established

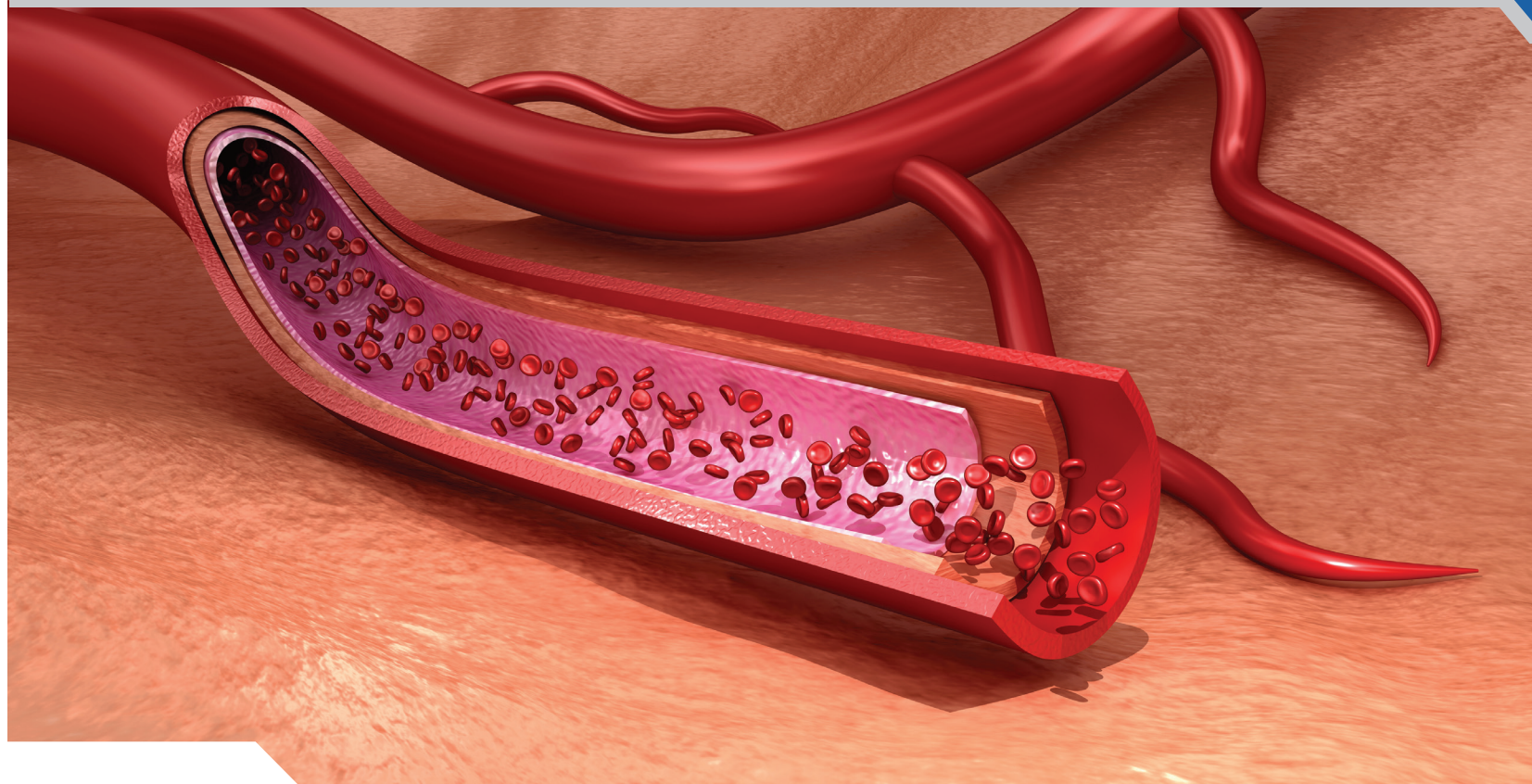
Other ingredients: Capsule shell (gelatin and water) and magnesium stearate (vegetable source).

This product is gluten, dairy and GMO free.



SUPPLEMENTS TO SUPPORT CARDIOVASCULAR & METABOLIC HEALTH

Cardiometabolic Support from Biotics Research



Cardiovascular disease (CVD) remains the leading cause of mortality for both men and women worldwide. Cardiometabolic health involves a group of interrelated factors and encompasses healthy blood lipid levels, circulatory and blood vessel function, optimal blood sugar levels and overall heart health.

With a growing public concern for cardiometabolic health, Biotics Research Corporation, in conjunction with Dr. Mark Houston, Associate Clinical Professor of Medicine at Vanderbilt Medical School and Director of Hypertension Institute and Vascular Biology in Nashville, has developed a unique selection of "heart-healthy" nutritional formulas.

Adjunct Products:

Bio-D-Mulsion Forte®, Bio-K-Forte Caps®, CurcumRx®, Mg-Zyme™, and Optimal EFAs® Caps



Bio-CardioSirt BP®

Product Number: 2905 (8oz)
Bio-CardioSirt BP® supplies a unique, patented (US 9,642,885 B2) combination of seven (7) key micronutrients that support normal, healthy blood pressure levels. These include the vitamins C, D and B6, along with Biotin, Magnesium, Taurine and Grape Seed extract.

Active Ingredients:
 Vitamin C (as magnesium ascorbate), Vitamin D (as cholecalciferol), Vitamin B6 (as pyridoxine hydrochloride), Biotin, Magnesium (as magnesium ascorbate), Taurine and MegaNatural®-BP grape seed extract. MegaNatural®-BP and its logo are trademarks of Constellation Brands, Inc.



Supplement Facts		
Serving Size: 1 rounded scoop (approx. 7.8 g)		
Servings Per Container: 30		
	Amount Per Serving	% Daily Value
Vitamin C (as magnesium ascorbate)	1,000 mg	1666%
Vitamin D (as cholecalciferol)	2,000 IU	500%
Vitamin B6 (as pyridoxine hydrochloride)	100 mg	5000%
Biotin	2,000 mcg	667%
Magnesium (as magnesium ascorbate)	87 mg	22%
Proprietary Blend	6,150 mg	-
Taurine	-	-
MegaNatural®-BP grape seed extract	-	-
*Daily Value not established		

MegaNatural®-BP and its logo are trademarks of Constellation Brands Inc.



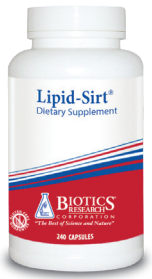
EFA-Sirt Supreme®

Product Number: 1412 (180C)
EFA-Sirt Supreme® supplies a unique, highly concentrated essential fatty acid blend, providing an extremely effective relative combination of EPA, DHA and GLA, with all-natural mixed tocopherols, specially formulated to be high in gamma (γ)-Tocopherol.

Active Ingredients:
 Natural Mixed Tocopherols including, d-gamma tocopherols, d-delta tocopherol, d-beta tocopherol, and d-alpha tocopherol, 360 mg; GLA (Gamma Linolenic Acid) 750 mg; Total Omega-3 Fatty Acid 1.7 g; EPA (Eicosapentaenoic Acid) 900 mg; DHA (Docosahexaenoic Acid) 600 mg; Additional Omega-3 Fatty Acids 200 mg



Supplement Facts		
Serving Size: 6 Softgel Capsules		
Servings Per Container: 30		
	Amount Per Serving	% Daily Value
Calories (energy)	70	-
Total Fat	7 g	9%†
Saturated Fat (not more than)	1 g	5%†
Cholesterol	5 mg	2%†
Total Carbohydrate	<1 g	<1%†
Protein	2 g	-
Natural Mixed Tocopherols including	360 mg	-
d-gamma tocopherols, d-delta tocopherol	-	-
d-beta tocopherol, and d-alpha tocopherol	-	-
GLA (Gamma Linolenic Acid)	750 mg	-
Total Omega-3 Fatty Acid	1.7 g	-
EPA (Eicosapentaenoic Acid)	900 mg	-
DHA (Docosahexaenoic Acid)	600 mg	-
Additional Omega-3 Fatty Acids	200 mg	-



Lipid-Sirt®

Product Number: 2935 (240C)
Lipid-Sirt® provides support for vascular integrity and healthy aging by supporting and stimulating sirtuin activity. Specific nutritional compounds have been demonstrated to have a positive impact on cholesterol levels. **Lipid-Sirt®** supplies some of these specific nutrients, which have been demonstrated to: 1) modify the production of cholesterol in the liver by reacting with hepatic enzymes, 2) increase cholesterol excretion via the bile, and 3) inhibit cholesterol uptake from the intestine.

Active Ingredients:
 Pantethine, Plant Sterols (from soybean), Green Tea Extract (50% EGCG) (leaf), Delta-tocotrienol (from annatto seed), Phytolens*** (Lens esculenta extract) (husk). Contains ingredients derived from soybean. ** Phytolens® is a registered trademark of Biotics Research Corporation, U.S. Patent No. 5,762,936.



Supplement Facts		
Serving Size: 4 Capsules		
Servings Per Container: 60		
	Amount Per Serving	% Daily Value
Pantethine	450 mg	-
Plant Sterols (from soybean)	400 mg	-
Green Tea Extract (50% EGCG) (leaf)	300 mg	-
Delta-tocotrienol (from annatto seed)	37.5 mg	-
Phytolens** (Lens esculenta extract) (husk)	2.5 mg	-
*Daily Value not established		

Other ingredients: Capsule shell (gelatin and water), cellulose, silica, magnesium stearate (vegetable source), and modified cellulose gum.

Contains ingredients derived from soybean.

** Phytolens® is a registered trademark of Biotics Research Corporation, U.S. Patent No. 5,762,936

This product is gluten and dairy free.



Red Yeast Rice

Product Number: 8000 (90C)
 The yeast *Monascus purpureus*, grown on rice, is known in the nutritional industry as **Red Yeast Rice** (RYR). In many Asian countries, it is a dietary staple. In Traditional Chinese Medicine (TCM), **Red Yeast Rice** has been utilized for thousands of years. In addition to its functional impact on blood lipids, it has been implicated in the support of digestion, blood movement, and the strengthening of the spleen. To ensure safety, Biotics Research's **Red Yeast Rice** is screened for the mycotoxin, citrin.

Active Ingredients:
 Red Yeast Rice



Supplement Facts		
Serving Size: 3 Capsules		
Servings Per Container: 30		
	Amount Per Serving	% Daily Value
Calories	10	-
Total Carbohydrates	2 g	<1%*
Red Yeast Rice	2,400 mg	†
† Daily Value not established		

* Percent Daily Values are based on a 2,000 calorie diet

Other ingredients: Capsule shell (gelatin and water), and magnesium stearate (vegetable source).

This product is gluten and dairy free.



ResveraSirt-HP®

Product Number: 2930 (30C) and 2931 (120C)
 Each capsule of **ResveraSirt-HP®** supplies 250 mg of purified Trans-Resveratrol, produced via a proprietary fermentation process, free from contaminants such as benzopyrine, often seen in other commonly used and less costly sources of Resveratrol. Quercetin is added for its ability to slow the metabolism of resveratrol. Also included in this formula is IP6 (phytic acid or phytin), a 6-phosphate ester of inositol derived from rice. Effective at a wide pH range, IP6 is a strong metal chelator, and thus aids in stabilizing the formula. By using the purified form of Resveratrol, **ResveraSirt-HP®** does not cause the GI distress often associated with lesser grades of this material.

Active Ingredients:
 Trans-Resveratrol (from fermentation), Quercetin, Calcium magnesium phytate



Supplement Facts		
Serving Size: 1 Capsule		
	Amount Per Serving	% Daily Value
Trans-Resveratrol (from fermentation)	250 mg	-
Quercetin	25 mg	-
Calcium magnesium phytate	25 mg	-
* Daily Value not established		

Other ingredients: Microcrystalline cellulose and capsule shell (gelatin and water).

This product is gluten and dairy free.



VasculoSirt®

Product Number: 2924 (150C) and 2925 (300C)
VasculoSirt® is a revolutionary nutritional supplement designed to slow vascular aging, promote vascular and heart health, and provide healthy support for blood pressure, cholesterol, glucose and insulin levels.

Active Ingredients:
 Vitamin A (as mixed carotenoids), Vitamin C (as ascorbic acid), Vitamin D3 (as cholecalciferol), Vitamin K (as menaquinone-7 (extract of Bacillus subtilis natto) and as phytonadione), Thiamin (B1) (as thiamin mononitrate), Riboflavin (B2), Niacin, Vitamin B6 (as pyridoxine HCl), Folate (as calcium folinate) Vitamin B12 (as methylcobalamin), Biotin, Pantothenic Acid (as calcium pantothenate), Magnesium (as magnesium glycinate*), Zinc (as zinc picolinate), Selenium (as selenomethionine), Copper (as copper citrate), Coenzyme Q10 (emulsified), Trans-Resveratrol (from fermentation), R-Alpha Lipoic Acid (from stabilized sodium salt), Green Tea Extract (50% EGCG) (leaf), Acetyl-L-Carnitine hydrochloride, Olive Extract (Olea europaea) (fruit), Quercetin (Dimorphandra mollis), Ginkgo Extract (Ginkgo biloba) (leaf), Phytolens*** (Lens esculenta extract), Lutien (from Aztec Marigold flower), Lycopene (from Tomato). *Albion® brand Magnesium Glycinate. Albion laboratories, Inc. of Clearfield, Utah. **Phytolens® is a registered trademark of Biotics Research Corporation, U.S. Patent No. 5,762,936, Biotics Research Corporation.



Supplement Facts		
Serving Size: 5 Capsules		
Servings Per Container: 30		
	Amount Per Serving	% Daily Value
Vitamin A (as mixed carotenoids)	5,100 IU	75%
Vitamin C (as ascorbic acid)	250 mg	500%
Vitamin D3 (as cholecalciferol)	2,000 IU	500%
Vitamin K (as menaquinone-7)	50 mcg	100%
Thiamin (B1) (as thiamin mononitrate)	50 mg	100%
Riboflavin (B2)	5 mg	100%
Niacin	5 mg	100%
Vitamin B6 (as pyridoxine HCl)	50 mg	100%
Folate (as calcium folinate)	400 mcg	100%
Vitamin B12 (as methylcobalamin)	2,500 mcg	100%
Biotin	5 mg	100%
Pantothenic Acid (as calcium pantothenate)	10 mg	100%
Selenium (as selenomethionine)	50 mcg	100%
Copper (as copper citrate)	1.5 mg	30%
Coenzyme Q10 (emulsified)	50 mg	-
Trans-Resveratrol (from fermentation)	50 mg	-
R-Alpha Lipoic Acid (from stabilized sodium salt)	50 mg	-
Green Tea Extract (50% EGCG) (leaf)	50 mg	-
Acetyl-L-Carnitine hydrochloride	50 mg	-

Other ingredients: Capsule shell (gelatin and water), magnesium stearate (vegetable source), and gum arabic.

****Phytolens® is a registered trademark of Biotics Research Corporation, U.S. Patent No. 5,762,936, Biotics Research Corporation.**

This product is gluten and dairy free.

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.

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For more information, visit www.bioticscan.com or call 800-840-1676

GI HEALTH

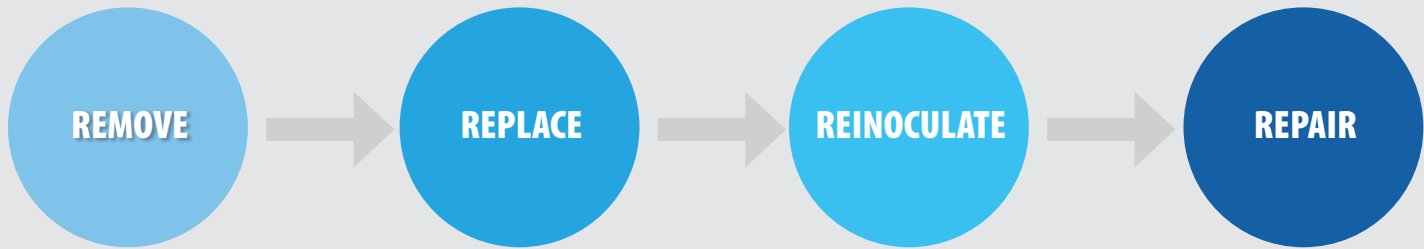


BIOTICS[®]
RESEARCH
CANADA

"The Best of Science and Nature"

SUPPLEMENTS TO SUPPORT GASTRO-INTESTINAL HEALTH

Address these stages of GI Health*



*These may not be in chronological order, depending on the specific GI issue.

REMOVE

Overgrown yeast and bacteria that may (or may not) normally live in the GI tract are removed using specific gluten free nutritional supplements, including a proven-effective patented formula.



A.D.P.[®]

Product Number: 1101 (60T) or 1104 (120T)

A.D.P.[®] is a proven-effective* patented formula. Utilizing micro-emulsification and delayed release technologies, A.D.P.[®] delivers standardized oil of oregano throughout the digestive tract, where it functions to impact undesirable intestinal organisms.

*Phytother Res 2000 May

Active Ingredients:

Oregano (*Origanum vulgare*) (standardized extract)



Supplement Facts

Serving Size: 1 Tablet

	Amount Per Serving
Oregano Oil (<i>Origanum vulgare</i>) (extract from leaf)	50 mg*

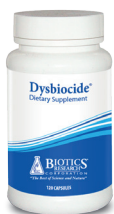
* Daily Value not established

Other ingredients: Cellulose, modified cellulose gum, potassium sorbate, stearic acid (vegetable source), silica, water and gum arabic.

A.D.P.[®] supplies oregano oil which is emulsified and processed in a sustained release form for optimal effectiveness. This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

Patent #5,955,086

This product is gluten, dairy and GMO free.



Dysbiocide[®]

Product Number: 7856 (120C)

Dysbiocide[®] supplies a proprietary blend of herbs and herbal extracts to support normal gut health. Select herbs are recognized in promoting the synergistic healing of damaged intestinal tissue, resulting predominately from dysbiosis*. The combination of Eastern and Western herbs in this formula provides a broad anti-dysbiotic effect, even with low dosing.

*Glob Adv Health Med. 2014 May

Active Ingredients:

Proprietary Blend including Dill (*Anethum graveolens*) (seed), *Stemona* (*Stemona sessilifolia*) (root) (powder and extract), Wormwood (*Artemisia absinthium*) (shoot & leaf) (extract), Java Brucea (*Brucea javanica*) (fruit) (powder & extract), Chinese Pulsatilla (*Pulsatilla chinensis*) (rhizome) (powder & extract), Jamaica Quassia (*Picrasma excelsa*) (bark) (extract), Cutch Tree (*Acacia catechu*) (heartwood & bark) (powder & extract), Hedyotis (*Hedyotis diffusa*) (aerial part) (powder & extract), Yarrow (*Achillea millefolium*) (leaf & flower) (extract).



Supplement Facts

Serving Size: 2 Capsules
Servings Per Container: 60

	Amount Per Serving
Proprietary Blend	950 mg
Dill (<i>Anethum graveolens</i>) (seed) *	
<i>Stemona</i> (<i>Stemona sessilifolia</i>) (root) (powder and extract) *	
Wormwood (<i>Artemisia absinthium</i>) (shoot & leaf) (extract) *	
Java Brucea (<i>Brucea javanica</i>) (fruit) (powder & extract) *	
Chinese Pulsatilla (<i>Pulsatilla chinensis</i>) (rhizome) (powder & extract) *	
Jamaica Quassia (<i>Picrasma excelsa</i>) (bark) (extract) *	
Cutch Tree (<i>Acacia catechu</i>) (heartwood & bark) (powder & extract) *	
Hedyotis (<i>Hedyotis diffusa</i>) (aerial part) (powder & extract) *	
Yarrow (<i>Achillea millefolium</i>) (leaf & flower) (extract) *	

* Daily Value not established

Other ingredients: Capsule shell (gelatin and water) and magnesium stearate (vegetable source).

This product is gluten and dairy free.

Research shows that gut health is critical to overall health and that an unhealthy gut contributes to a wide range of diseases, conditions, an impaired immune and nervous system, and even hormonal imbalance. Supporting gastrointestinal health and restoring the integrity of the gut barrier are essential to optimizing overall health.



FC-Cidal™

Product Number: 6310 (100C)

FC-Cidal supplies a proprietary blend of herbs and herbal extracts, which function to support healthy GI function*. Herbs, spices and botanical preparations often exhibit antimicrobial properties due to a wide array of terpenoid and polyphenolic compounds. Culinary herbs have long been used to control pests and food-borne yeasts and molds in the context of food safety.

*Glob Adv Health Med. 2014 May

Active Ingredients:

Proprietary Blend including French Tarragon (*Artemisia dracunculus*) (leaf), Indian Tinospora (*Tinospora cordifolia*) (stem & root), Horsetail (*Equisetum arvense*) (whole herb), Thyme (*Thymus vulgaris*) (leaf), Pau D' Arco (*Tabebuia impetiginosa*) (inner bark), Stinging Nettle Extract (*Urtica dioica*) (root), Olive (*Olea europaea*) (leaf).



Supplement Facts

Serving Size: 1 Capsule

	Amount Per Serving
Proprietary Blend	500 mg
French Tarragon (<i>Artemisia dracunculus</i>) (leaf) *	
Indian Tinospora (<i>Tinospora cordifolia</i>) (stem & root) *	
Horsetail (<i>Equisetum arvense</i>) (whole herb) *	
Thyme (<i>Thymus vulgaris</i>) (leaf) *	
Pau D' Arco (<i>Tabebuia impetiginosa</i>) (inner bark) *	
Stinging Nettle Extract (<i>Urtica dioica</i>) (root) *	
Olive (<i>Olea europaea</i>) (leaf) *	

* Daily Value not established

Other ingredients: Capsule shell (gelatin and water), cellulose and magnesium stearate (vegetable source).

This product is gluten and dairy free.

Adjunct Products: Bio-HPF®, Berberine HCl, Caprin™, and Iodizyme-HP™

REPLACE

Bile salts, digestive enzymes, and hydrochloric acid levels are replaced using specific gluten free nutritional supplements in order to maintain and promote healthy digestion.



Beta-TCP™

Product Number: 1215 (90T) or 1216 (180T)

Beta-TCP™ supports both healthy bile flow, and the normal bile acid-to-cholesterol conversion. It contains both digestive and antioxidant enzymes, along with Taurine and organic beet concentrate.

Active Ingredients:

Vitamin C (ascorbic acid), Taurine, Pancrelipase (porcine), Organic Beet Concentrate** (*Beta vulgaris*) (whole), Superoxide Dismutase (raw organic vegetable culture†) and Catalase (raw organic vegetable culture†). †Specially grown, biologically active vegetable culture containing naturally associated phytochemicals including polyphenolic compounds with SOD and catalase, dehydrated at low temperature to preserve associated enzyme factors. ** Whole beet concentrate from certified organically grown beets.



Supplement Facts

Serving Size: 1 Tablet

	Amount Per Serving	% Daily Value
Vitamin C (ascorbic acid)	60 mg	100%
Taurine	100 mg	*
Pancrelipase (porcine)	50 mg	*
Organic Beet Concentrate** (<i>Beta vulgaris</i>) (whole)	100 mg	*
Superoxide Dismutase (from vegetable culture †)	20 mcg	*
Catalase (from vegetable culture †)	20 mcg	*

* Daily Value not established

Other ingredients: Cellulose, stearic acid (vegetable source), magnesium stearate (vegetable source) and food glaze.

† Specially grown, biologically active vegetable culture containing naturally associated phytochemicals including polyphenolic compounds with SOD and catalase, dehydrated at low temperature to preserve associated enzyme factors.

** Whole beet concentrate from certified organically grown beets.

This product is gluten and dairy free.

REPLACE (continued)



Beta Plus™

Product Number: 1210 (90T) or 1209 (180T)

Beta Plus™ is a source of bile salts, digestive enzymes and organic beet concentrate, along with SOD and catalase. Consider this product whenever the gallbladder has been removed, or the need for supplemental bile salts is indicated.



Active Ingredients:

Ox Bile Extract, Pancrelipase (porcine), Organic beet concentrate** (Beta vulgaris) (whole), Superoxide dismutase (raw organic vegetable culture†), Catalase (raw organic vegetable culture†). †Specially grown, biologically active vegetable culture containing naturally associated phytochemicals including polyphenolic compounds with SOD and catalase, dehydrated at low temperature to preserve associated enzyme factors. ** Whole beet concentrate from certified organically grown beets.

Supplement Facts

Serving Size: 1 Tablet

	Amount Per Serving	% Daily Value
Ox Bile Extract	100 mg	*
Pancrelipase (porcine)	50 mg	*
Organic Beet Concentrate** (Beta vulgaris) (whole)	100 mg	*
Superoxide Dismutase (from vegetable culture †)	20 mcg	*
Catalase (from vegetable culture †)	20 mcg	*

* Daily Value not established

Other ingredients: Cellulose, stearic acid (vegetable source), magnesium stearate (vegetable source) and food glaze.

† Specially grown, biologically active vegetable culture containing naturally associated phytochemicals including polyphenolic compounds with SOD and catalase, dehydrated at low temperature to preserve associated enzyme factors.

** Whole beet concentrate from certified organically grown beets.

This product is gluten and dairy free.

RECOMMENDATION: One (1) tablet with each meal as a dietary supplement



Hydro-Zyme™

Product Number: 1262 (90T) or 1263 (250T)

Hydro-Zyme™ provides digestive support via supplemental Betaine hydrochloride, Pepsin, Pancreatin, along with other known synergists. It may be considered when the need for supplemental hydrochloric acid and/or Pancreatin are indicated.



Active Ingredients:

Vitamin B6 (as pyridoxine hydrochloride), Betaine Hydrochloride, Glutamic acid (as L-Glutamic acid hydrochloride), Ammonium Chloride, Pancreatin 4X (porcine), Pepsin (1:10,000).

Supplement Facts

Serving Size: 1 Tablet

	Amount Per Serving	% Daily Value
Vitamin B6 (as pyridoxine hydrochloride)	2 mg	100%
Betaine Hydrochloride	150 mg	*
Glutamic acid (as L-Glutamic acid hydrochloride)	50 mg	*
Ammonium Chloride	35 mg	*
Pancreatin 4X (porcine)	10 mg	*
Pepsin (1:10,000)	10 mg	*

* Daily Value not established

Other ingredients: Vegetable culture †, cellulose, stearic acid (vegetable source), modified cellulose gum, silica and food glaze.

† Specially grown, biologically active vegetable culture (from organic Pisum sativum, Lens esculenta and/or Cicer arietinum) containing naturally associated phytochemicals including polyphenolic compounds with SOD and catalase, dehydrated at low temperature to preserve associated enzyme factors.

This product is gluten and dairy free.



Intenzyme Forte™

Product Number: 1207 (50T), 1201 (100T) or 1202 (500T)

Intenzyme Forte™ is a broad spectrum proteolytic enzyme formulation, containing pancreatin, bromelain, papain, lipase, amylase, trypsin and alpha chymotrypsin. It may be utilized to support numerous protein metabolism pathways. Proteolytic enzymes are capable of exerting influence over a wide variety of physiological and biochemical processes. The benefits of Intenzyme Forte include its effect on muscle soreness and discomfort due to overexertion, the support of hormone processing, as well as providing support for healthy digestive, immune and circulatory functions.



Active Ingredients:

Pancreatin 4X (porcine), Bromelain (from pineapple), Papain (from papaya), Lipase (porcine), Amylase (porcine), Trypsin & Alpha Chymotrypsin (porcine), Superoxide Dismutase (from vegetable culture†), Catalase (from vegetable culture†) †Specially grown, biologically active vegetable culture containing naturally associated phytochemicals including polyphenolic compounds with SOD and catalase, dehydrated at low temperature to preserve associated enzyme factors.

Supplement Facts

Serving Size: 1 Tablet

	Amount Per Serving	% Daily Value
Pancreatin 4X (porcine)	100 mg	*
Bromelain (from pineapple)	50 mg	*
Papain (from papaya)	50 mg	*
Lipase (porcine)	10 mg	*
Amylase (porcine)	10 mg	*
Trypsin & Alpha Chymotrypsin (porcine)	100 mg	*
Superoxide Dismutase (from vegetable culture †)	10 mcg	*
Catalase (from vegetable culture †)	10 mcg	*

* Daily Value not established

Other ingredients: Stearic acid (vegetable source), cellulose, magnesium stearate (vegetable source) and food glaze.

† Specially grown, biologically active vegetable culture containing naturally associated phytochemicals including polyphenolic compounds with SOD and catalase, dehydrated at low temperature to preserve associated enzyme factors.

This product is gluten and dairy free.

RECOMMENDATION: One (1) tablet three (3) times each day as a dietary supplement or as otherwise directed by a healthcare professional.

REINOCULATE

The restoration of optimal gut flora is done using a specific gluten free probiotic



BioDoph-7 Plus®

Product Number: 1285 (60C)

Probiotics are classically defined as “a preparation of, or a product containing viable, defined microorganisms in sufficient numbers, which alter the microbiota (typically by colonization) in a compartment of the host, and by that, exert beneficial health effects in this host”.



BioDoph-7 Plus® supplies a blend of pro- and prebiotics, including Bifidobacterium bifidum, Bifidobacterium lactis, Bifidobacterium breve, Lactobacillus paracasei, Lactobacillus plantarum, Lactobacillus salivarius, and Streptococcus thermophilus, along with the prebiotics Inulin (from chicory root), Arabinogalactans (from Larch), and Marshmallow root (extract).

Active Ingredients:

Proprietary Blend including Inulin (from Chicory root), Arabinogalactans (from Larch), Marshmallow (Althea officinalis) (extract) (root), Bifidobacterium bifidum, Bifidobacterium lactis, Bifidobacterium breve, Lactobacillus paracasei, Lactobacillus plantarum, Lactobacillus salivarius, Streptococcus thermophilus. Each capsule of BioDoph-7 Plus® contains more than 20 billion organisms at time of manufacture.

Supplement Facts

Serving Size: 1 Capsule

	Amount Per Serving
Proprietary Blend	400 mg
Inulin (from Chicory root)*, Arabinogalactans (from Larch)*, Marshmallow (Althea officinalis) (extract) (root)*, Bifidobacterium bifidum*, Bifidobacterium lactis*, Bifidobacterium breve*, Lactobacillus paracasei*, Lactobacillus plantarum*, Lactobacillus salivarius*, Streptococcus thermophilus*	

* Daily Value not established

Other ingredients: Vegetarian capsule shell (modified cellulose) and magnesium stearate (vegetable source).

Each capsule of **BioDoph-7 Plus®** contains more than 20 billion organisms at time of manufacture.

Contains an ultra-trace amount (0.3 ppm) of milk constituents which are used in the fermentation of probiotic ingredients.

This product is gluten free.



BioDophilus-FOS®

Product Number: 1205 (4oz)

BioDophilus-FOS™ is a pleasant tasting powder that supplies the probiotics Lactobacillus acidophilus (DDS-1 strain), and Bifidobacterium bifidum in a prebiotic base of fructooligosaccharides. Each 1/2 teaspoon supplies 3 billion organisms, along with 1,200 mg of beet-sourced Fructooligosaccharides.



Active Ingredients:

Lactobacillus acidophilus (DDS-1) and Bifidobacterium bifidum organisms, and Fructooligosaccharides (beet source).

Refrigeration is recommended to preserve the organisms.

Supplement Facts

Serving Size: ½ Teaspoon (approx. 1.5 g)

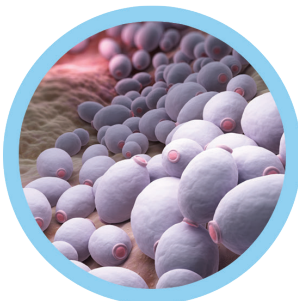
Servings Per Container: 75

	Amount Per Serving	% Daily Value
Calories	5	
Total Carbohydrate	1 g	0% †
Sugars	0 g	*
Lactobacillus acidophilus (DDS-1) and Bifidobacterium bifidum organisms	3 billion	*
Fructooligosaccharides (beet source)	1,200 mg	*

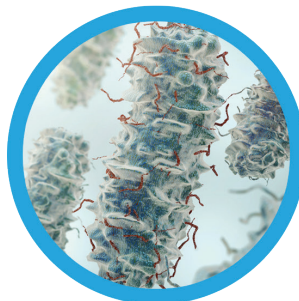
†Percent Daily Values based on a 2,000 calorie diet.

* Daily Value not established

Ingredients: Fructooligosaccharides (beet source), Lactobacillus acidophilus (DDS-1) and Bifidobacterium bifidum.



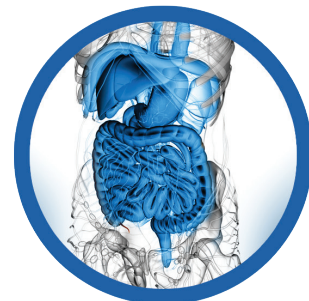
REMOVE



REPLACE



REINOCULATE



REPAIR

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.

REPAIR

Specific gluten free nutritional supplements, including vitamins, minerals, amino acids, and EFAs, are essential to gut repair and healing the damaged intestinal lining.



Biomega-3™

Product Number: 1400 (100C)

Biomega-3™ supplies the highest quality, all-natural (not modified by distillation processes) fish oil, supplying EPA and DHA omega-3 fatty acids. Biomega-3 fish oil surpasses all national and international standards for environmental pollutants, including dioxins, PCBs, pesticides and heavy metals. The most active and beneficial derivatives of marine derived ω -3 fatty acids are eicosapentaenoic acid (EPA) and docosahexaenoic acid (DHA), natural precursors that allow the body to make Specialized Pro-Resolving Mediators (SPMs), supporting healthy inflammatory responses. Both the brain and nervous system are higher in DHA, as compared to the rest of the body. As an omega-3 fatty acid, it has the ability to impact most physiological functions.

Active Ingredients:

Vitamin E (as d-alpha tocopherol), Omega-3 fatty acids. Each softgel capsule of Biomega-3™ contains 1,000 mg of natural marine lipid concentrate, providing a natural source of Omega-3 fatty acids; EPA (Eicosapentaenoic acid) 180 mg and DHA (Docosahexaenoic acid) 120 mg.



Supplement Facts

Serving Size: 1 Softgel Capsule

	Amount Per Serving	% Daily Value
Calories	10	
Calories from Fat	10	
Total Fat	1 g	2%*
Saturated Fat	<0.5 g	<3%*
Cholesterol	5 mg	2%
Vitamin E (as d-alpha tocopherol)	10 IU	33%
Omega-3 fatty acids	300 mg	†

* Percent Daily Values based on a 2,000 calorie diet
† Daily Value not established

Other Ingredients: Capsule shell (gelatin, glycerin and water).

Contains ingredients derived from Anchovy and Sardine.

This product is gluten and dairy free.



Butyric-Cal-Mag™

Product Number: 7810 (180C)

Butyric-Cal-Mag™ supplies a supplemental source of butyric acid (as calcium & magnesium butyrate), the primary fuel of colonic cells. Butyric acid is a naturally-occurring 4-carbon fatty acid formed in the healthy colon from the fermentation of dietary fiber by friendly bacteria.

Active Ingredients:

Vitamin A, Panthothenic Acid, Calcium, Magnesium, Butyric Acid



Supplement Facts

Serving Size: 2 Capsules
Servings Per Container: 90

	Amount Per Serving	% Daily Value
Calories	10	
Calories from Fat	10	
Total Fat	1 g	2%†
Saturated Fat	1 g	2%†
Vitamin A (as natural mixed carotenoids and palmitate, 1:1)	3,333 IU	67%
Pantothenic Acid (as calcium pantothenate)	16.7 mg	167%
Calcium (as calcium butyrate)	90 mg	9%
Magnesium (as magnesium butyrate)	77 mg	19%
Butyric Acid (as calcium and magnesium butyrate)	1,033 mg	*

* Percent Daily Value based on a 2,000 calorie diet

† Daily Value not established

Other ingredients: Ethyl vanillin (flavoring) and capsule shell (gelatin and water).

This product is gluten and dairy free.

RECOMMENDATION: One (1) to two (2) capsules with each meal as a dietary supplement or as otherwise directed by a healthcare professional.



Gastrazyme™

Product Number: 1140 (90T)

Gastrazyme™ supplies specific nutrients including vitamin U complex, chlorophyllins and vitamin A, ingredients all known to support the health of GI tract, which may become stressed due to normal, everyday factors. Early studies have recognized the effectiveness of raw cabbage juice in normalizing gastric and intestinal function. Glutamine and methionine derivatives present in this juice are believed to be the active principles. Specific attention has focused on methionine S-methylsulfonium (MMS) in the chlorinated form. MMS occurs in a variety of fruits and vegetables, such as cabbage. Studies have demonstrated that MMS supports the normal healing process of the stomach following exposure to nonsteroidal anti-inflammatory agents (NSAIDs). Traditionally, this compound has been designated "Vitamin U", although it does not meet the classic definition of a vitamin.



Supplement Facts

Serving Size: 1 Tablet

	Amount Per Serving	% Daily Value
Vitamin A (as natural mixed carotenoids and palmitate) (IU ratio 2.5:1)	3,500 IU	70%
Gamma Oryzanol (from rice)	100 mg	*
Chlorophyllins (from Mulberry leaf)	20 mg	*
Vitamin U Complex (DL-methylmethionine sulfonium chloride)	10 mg	*
Superoxide Dismutase (from vegetable culture †)	15 mcg	*
Catalase (from vegetable culture †)	15 mcg	*

* Daily Value not established

Other ingredients: Cellulose, modified cellulose gum, modified cellulose, silica and magnesium stearate (vegetable source).

† Specially grown, biologically active vegetable culture containing naturally associated phytochemicals including polyphenolic compounds with SOD and catalase, dehydrated at low temperature to preserve associated enzyme factors.

This product is gluten and dairy free.

RECOMMENDATION: One (1) tablet three (3) times each day as a dietary supplement or as otherwise directed by a healthcare professional.

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.

Active Ingredients:

Vitamin A (as natural mixed carotenoids and palmitate), Gamma Oryzanol (from rice), Chlorophyllins (from Mulberry leaf), Vitamin U Complex (as DL-Methionine methylsulfonium chloride), Superoxide Dismutase (from vegetable culture†), Catalase (from vegetable culture†). †Specially grown, biologically active vegetable culture containing naturally associated phytochemicals including polyphenolic compounds with SOD and catalase, dehydrated at low temperature to preserve associated enzyme factors.



HCl-Ease™

Product Number: 1235 (120C)

HCl-Ease® provides highly effective, targeted nutritional support for gastroesophageal health. It includes a combination of five herbs, along with pepsin, to aid in the degradation of food proteins into peptides.

Active Ingredients:

Proprietary Blend including Meadowsweet (*Filipendula ulmaria*)(herb)(extract)*, Okra (*Abelmoschus esculentus*)(fruit)*, Eyebright (*Euphrasia officinalis*)(herb)(extract)*, Marshmallow (*Althaea officinalis*)(root)(extract)*, Asian plantain (*Plantago asiatica*)(extract)* and Pepsin*. *Daily Value not established.



Supplement Facts

Serving size: 2 capsules
Servings per container: 60

	Amount Per Serving
Proprietary Blend	820 mg
Meadowsweet (<i>Filipendula ulmaria</i>)(herb)(extract)*, Okra (<i>Abelmoschus esculentus</i>)(fruit)*, Eyebright (<i>Euphrasia officinalis</i>)(herb)(extract)*, Marshmallow (<i>Althaea officinalis</i>)(root)(extract)*, Asian plantain (<i>Plantago asiatica</i>)(extract)*; Pepsin*	

* Daily Value not established

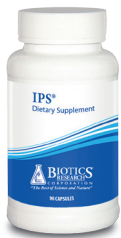
Other ingredients: Capsule shell (gelatin and water) and cellulose.

This product is gluten and dairy free.

RECOMMENDATION: Two (2) capsules two (2) times each day as a dietary supplement or as directed by a healthcare professional.

WARNING: Not recommended for those with salicylate intolerance.

Caution: Do not take this product if you are pregnant or lactating.



IPS®

Product Number: 6415 (90C)

IPS® is a comprehensive Intestinal Permeability Support supplement, consisting of a proprietary blend of botanical compounds and amino acids, along with other synergistic constituents. It provides support for healthy gut function, specifically as it relates to permeability and intestinal mucosa integrity. It includes L-Glutamine, which is the preferred fuel for intestinal tissues, promoting repair and intestinal healing. L-Glutamine has also been demonstrated to be a functional component in the repair of ulcers, as well as a contributor to the healing of leaky gut conditions. When the intestinal epithelium becomes injured or compromised, chronic health disturbances may result. **IPS®** is a unique formula designed to address the specific issue of altered intestinal permeability. It supplies a comprehensive array of nutritional factors to support healthy intestinal function.

Active Ingredients:

Proprietary Blend including Jerusalem Artichoke (*Helianthus tuberosus*) (tuber), L-Glutamine, Spanish Moss (*Tillandsia usneoides*) (whole), Lamb Intestine Concentrate, Glucosamine Sulfate (from shrimp & crab shell), Gamma Oryzanol (from rice), L-Glutathione (reduced), and Cellulase. Note: Substance with hair-like appearance is actually Spanish moss fibers.



Supplement Facts

Serving Size: 1 Capsule

	Amount Per Serving
Proprietary Blend	600 mg
Jerusalem Artichoke (<i>Helianthus tuberosus</i>) (tuber)	*
L-Glutamine	*
Spanish Moss (<i>Tillandsia usneoides</i>) (whole)	*
Lamb Intestine Concentrate	*
Glucosamine Sulfate (from shrimp & crab shell)	*
Gamma Oryzanol (from rice)	*
L-Glutathione (reduced)	*
Cellulase	*

* Daily Value not established

Other ingredients: Capsule shell (gelatin and water) and magnesium stearate (vegetable source).

Substance with hair-like appearance is actually Spanish moss fibers.

This product is gluten and dairy free.

REPAIR (continued)



L-Glutamine Powder™

Product Number: 5209 (500 g)

L-Glutamine is the most abundant amino acid in the body. Although the body manufactures glutamine during times of extreme stress (such as after very heavy exercise or an injury), in certain circumstances the body may need more glutamine than it can make. Most glutamine is stored in the muscles, followed by the lungs, where much of the glutamine is made. According to the University of Maryland Medical Center (<https://umm.edu.com>), glutamine functions as an important compound in removing excess ammonia (a common waste product in the body). It also assists in immune system functions, and appears to be needed for normal brain function and digestion. Glutamine helps to protect the gastrointestinal mucosa, and is a major fuel for enterocytes. It also supports tissues in the body that rapidly turn over, such as intestinal cells (intestinal epithelium). High levels of cortisol during times of stress can lower the body's stores of glutamine.

L-Glutamine Powder™ supplies 3g of L-Glutamine per teaspoon, as a nonhydrolyzed, free-form L-Amino Acid.

Active Ingredients:

Glutamine (as L-Glutamine). L-Glutamine is a non-hydrolyzed, naturally produced, free-form L-Amino Acid. CERTIFIED PURE. Contains no additives of any kind.



Supplement Facts

Serving Size: 1 teaspoon (approx. 3 g)
Servings Per Container: 166

	Amount Per Serving	% Daily Value
Glutamine (as L-Glutamine)†	3 g	*

* Daily Value not established

Ingredients: L-Glutamine.

† Non-hydrolyzed, naturally produced, free-form L-Amino Acid

CERTIFIED PURE

Contains no additives of any kind

This product is gluten and dairy free.

RECOMMENDATION: One (1) teaspoon (approx. 3 g) each day as a dietary supplement or as otherwise directed by a healthcare professional.

Adjunct Products: Aqueous Zinc™, Bio-Ae-Mulsion®, Bio-D-Mulsion®, Immuno-gG®, NAC, and Whey Protein Isolate



"The Best of Science and Nature"

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