

Berberine HCl

Berberine is a bitter-tasting alkaloid present in the roots, rhizomes and stem barks of select plants including Barberry (*Berberis vulgaris*).⁽¹⁾ Berberine has a long history of use in both Chinese and Ayurvedic medicine, primarily to support gastrointestinal function. Berberine has demonstrated significant activity against a wide variety of organisms including a broad spectrum of bacteria, yeasts, fungus and parasites. Its mechanism of action is thought to result in part from its characteristic structure, which is that of a planar cationic molecule. This structural arrangement enables it to intercalate the DNA structure, similar in fashion to the mechanism of ethidium bromide.⁽²⁾

In addition, Berberine has been shown to be supportive of healthy blood sugar levels, including fasting and postprandial blood glucose, and HbA1c.⁽³⁾ The mode of action is believed to result from its ability to modulate key molecules in the insulin signaling pathway, leading to increased glucose uptake in insulin-resistant cells.⁽⁴⁾

Berberine has also been shown to be supportive of normal blood lipid levels, with the apparent mode of action being described as an increase in the production of a receptor protein in the liver which binds LDL-cholesterol, preparing it for elimination.⁽⁵⁾

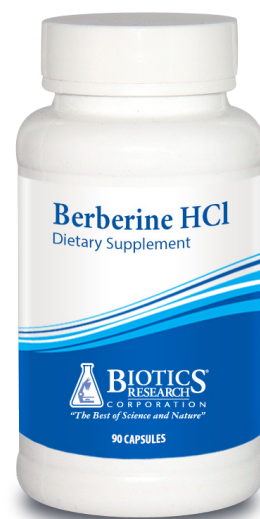
Cautions: Berberine HCl is not recommended for children, pregnant or lactating women, or those suffering

To place your order for **Berberine HCl** or for additional information please contact us below.

from congestive heart failure.

References

1. Berberine. *Altern Med Rev.* 2000;5(2):175-177.
2. Jennings BR, Ridler PJ. Interaction of chromosomal stains with DNA. An electrofluorescence study. *Biophys Struct Mech.* 1983;10(1-2):71-9.
3. Yin J, Xinga H, Yeb J. Efficacy of berberine in patients with type 2 diabetes mellitus. *Metabolism Clinical and Experimental.* 2008 57:712-717.
4. Liua L-Z, Cheunga SCK, Lana L-L, Hoa SKS, Xub H-X, Chana JCN, Tong PCY. Berberine modulates insulin signaling transduction in insulin-resistant cells. *Molecular and Cellular Endocrinology.* April 2010 317(1-2): 148-153.
5. Kong Weijia, et al. Berberine is a novel cholesterol-lowering drug working through a unique mechanism distinct from statins. *Nature Medicine.* 2004 10(12):1344-1351.



Berberine HCl is available in 90 ounce bottles (#5212).

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 and dairy free.

RECOMMENDATION: One (1) capsule each day as a dietary supplement or as otherwise directed by a healthcare professional.

CAUTION: Not recommended for children, pregnant or lactating women.

KEEP OUT OF REACH OF CHILDREN

Store in a cool, dry area.
Sealed with an imprinted safety seal for your protection.

Product # 5212 Rev. 05/13



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These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.

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.



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).



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



Supplement Facts		
Serving Size: 6 Capsules		
Servings Per Container: 15		
	Amount Per Serving	% Daily Value
Vitamin A (as retinyl acetate)	1,500 mcg RAE	167%
Vitamin C (as calcium ascorbate and ascorbic acid)	500 mg	556%
Vitamin D (as cholecalciferol)	2.5 mcg	13%
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%

* Daily Value not established

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

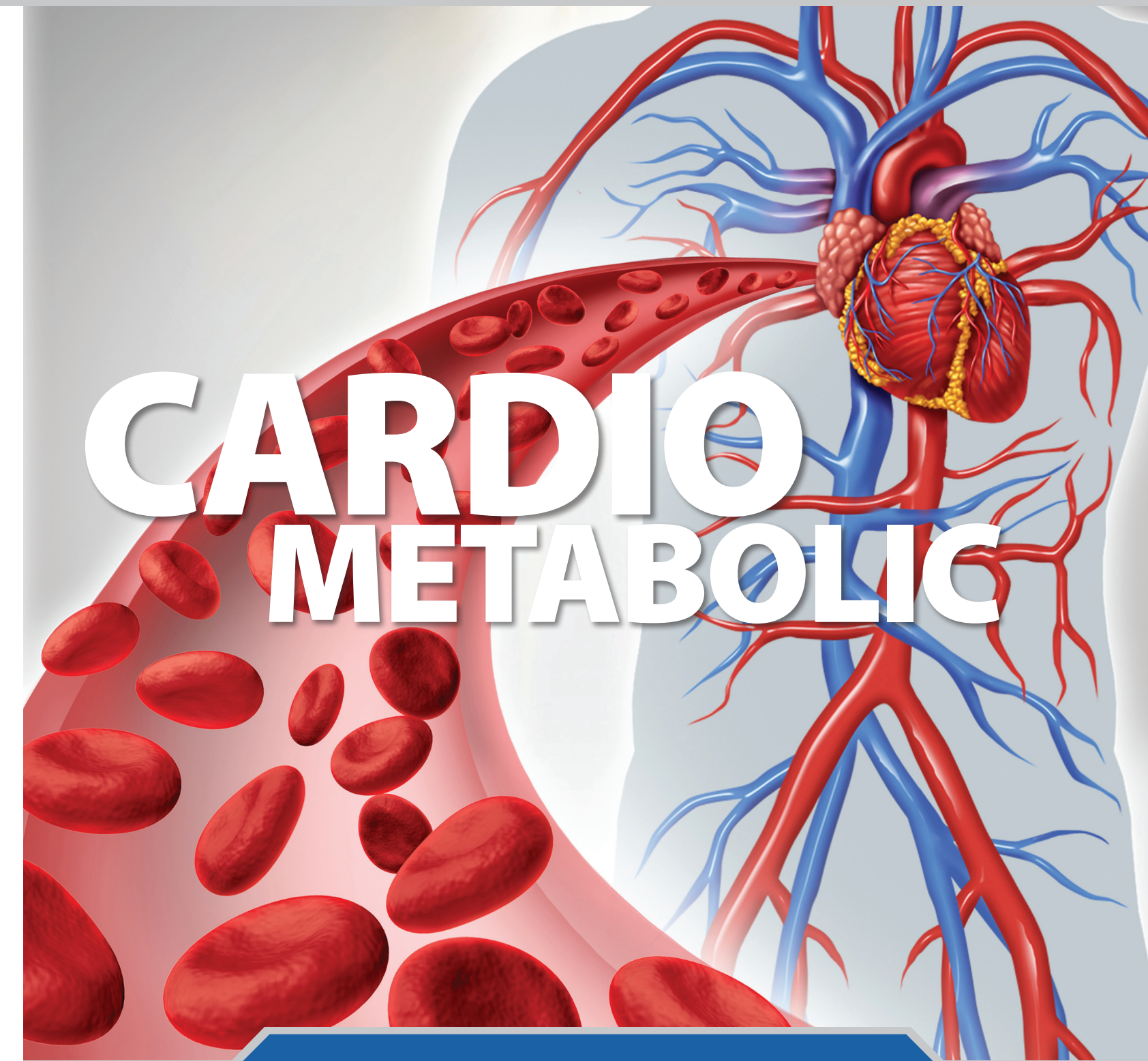
This product is gluten, dairy and GMO free.

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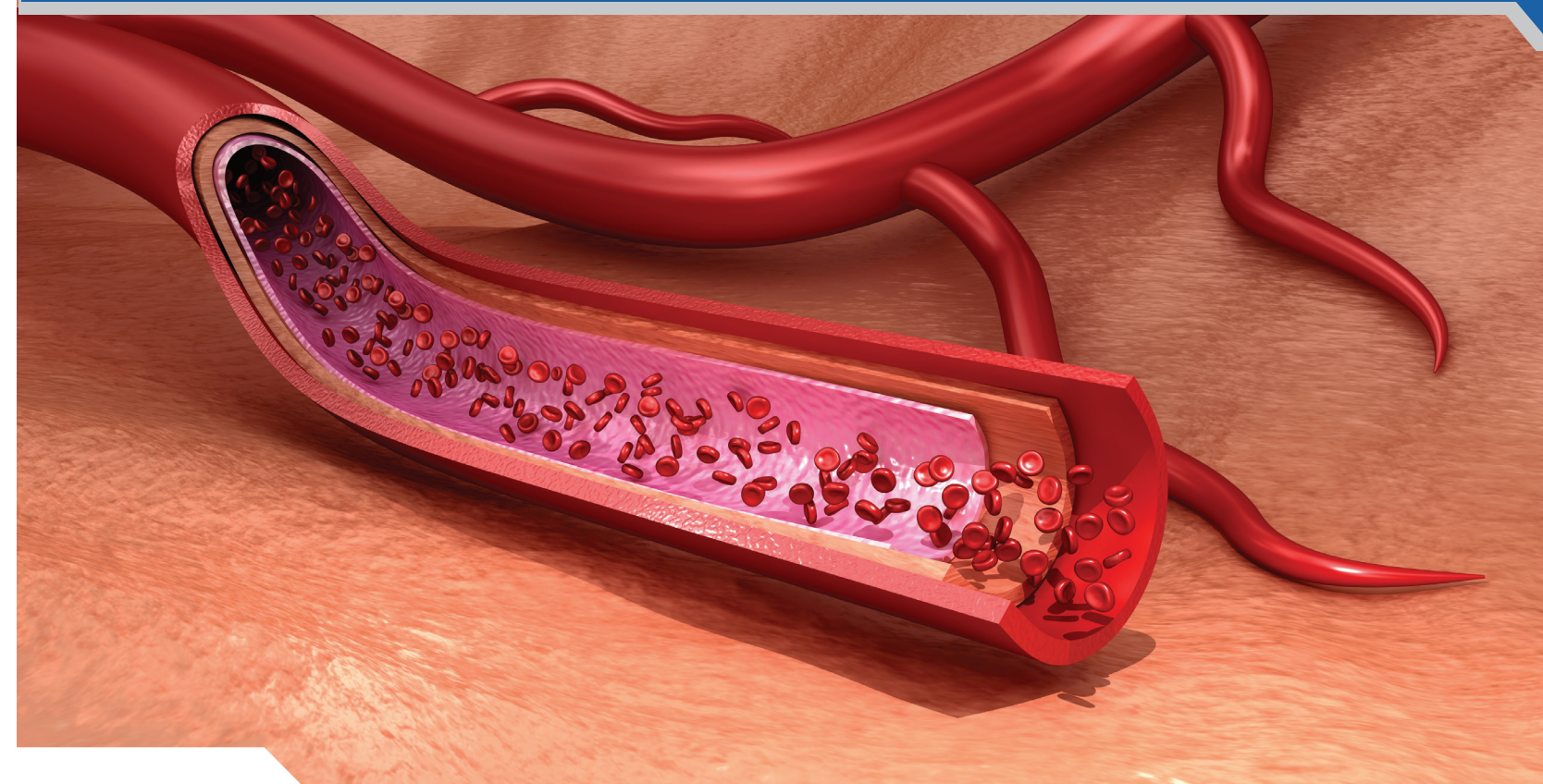
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SUPPLEMENTS TO SUPPORT CARDIOVASCULAR & METABOLIC HEALTH

Cardiometabolic Support from Biotics Research



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
M 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.

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

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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

	Amount Per Serving	% Daily Value	Other ingredients
Vitamin A (as mixed carotenoids)	5,100 IU	75%	Other ingredients: Capsule shell (gelatin and water), magnesium stearate (vegetable source), and silica
Vitamin C (as ascorbic acid)	250 mg	50%	
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	50 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	500 mcg	100%	
Pantothenic Acid (as calcium pantothenate)	100 mg	100%	
Selenium (as selenomethionine)	100 mcg	100%	
Copper (as copper citrate)	1.5 mg	30%	
Coenzyme Q10	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	-	
Quercetin (from Dimorphandra mollis)	50 mg	-	
Lutien (from Aztec Marigold flower)	50 mg	-	
Lycopene (from Tomato)	50 mg	-	

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