## Biotics Research Northwest Product Spotlight

# Bio-Cardiozyme Forte®

### For Healthcare Professionals Only

**Bio-Cardiozyme Forte**®: A special, broad spectrum formulation, designed to support healthy cardiovascular function. Supplies vitamins, mineral, amino acids, botanicals and antioxidant enzymes known to support heart health, along with specific organ and glandular support.



Malfunction of the cardiovascular system forms the basis of degenerative disease: cardiovascular disease is responsible for the majority of deaths in the US, and coronary heart disease (CHD) accounts for almost 50% of the cardiovascular mortality. CHD is the major cause of premature death among men and women, thus CHD represents a modern epidemic<sup>1</sup>. It is a multi factorial condition and well-established risk factors include both genetic and lifestyle aspects. Inheritance (non modifiable factors) are male gender, family history of CHD and menopause. Factors pertaining to medical history include cigarette smoking, uncontrolled diabetes mellitus, uncontrolled hypertension, obesity, high serum cholesterol (dyslipidemia) and elevated serum homocysteine<sup>2</sup>.

A wide variety of lifestyle factors influence the risk of CHD, therefore lifestyle changes offer the possibility of decreased risk and improved health. Cigarette smoking, physical inactivity and a healthy diet play a role in the prevalence of cardiovascular disease in the U.S. Interventions involve diet modification, regular exercise and pharmacologic approaches as needed<sup>2</sup>. Excessive alcohol consumption contributes increased risk as well. Other evidence indicates that foods rich in N-3 polyunsaturated fatty acids from fish as well as vegetables lower the risk of cardiovascular disease and that a high intake of linoleic acid (N-6 polyunsaturated fatty acids) and certain saturated fatty acids adds to the risk<sup>4</sup>. Trace minerals and fiber are also important for cardiovascular health<sup>3</sup>.

**Recommended dosage** is four (4) tablets each day with food as a dietary supplement or as otherwise directed by a healthcare professional.



- Hunink, MGM, et al. The recent decline in mortality from coronary heart disease, 1980-1990. JAMA 1997; 277: 535-542.
- Newnham HH, Silberberg J. Women's hearts are hard to break. Lancet 349 (Supplement) 513-516.
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- 3. Addis PB et al. Atherogenic and anti-atherogenic factor in the human diet. Biochem Sci 199; 61: 259-271.
- DeLovgeril Metal. Mediterranean alpha-linoleic acid-rich diet in secondary prevention of coronary heart disease. Lancet 1994: 343: 1454-1459

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# **Bio-Cardiozyme Forte®**

#### Bio-Cardiozyme Forte®

Supplement Facts		
Serving Size: 4 Tablets	Servings Per Container: 30	
	Amount Per % Daily Serving Value	
Vitamin A (as natural mixed carotenoids and palmitate)	5,000 IU 100%	
Vitamin C (as magnesium and calcium)	120 mg 200%	
Vitamin D (as cholecalciferol)	200 IU 50%	
Vitamin E (as d-alpha tocopheryl acetate)	30 IU 100%	
Vitamin K (as phytonadione)	10 mcg 13%	
Thiamin B <sub>1</sub> (cocarboxylase chloride)	2 mg 133%	
Riboflavin (B <sub>2</sub> ) (as riboflavin-5-phosphate)	2.3 mg 135%	
Niacin (as niacinamide and niacin)	20 mg 100%	
Vitamin B <sub>6</sub> (as pyridoxal-5-phosphate)	15 mg 750%	
Folate (as calcium folinate)	400 mcg 100%	
Vitamin B <sub>12</sub> (as methylcobalamin)	30 mcg 500%	
Biotin	300 mcg 100%	
Pantothenic Acid (as calcium pantothenate	e) 10 mg 100%	
Calcium (as calcium citrate)	60 mg 6%	
Magnesium (as citrate, glycinate and ascor	bate) 120 mg 30%	
Zinc (as zinc gluconate)	5 mg 33%	
Selenium (from vegetable culture †)	50 mcg 71%	
Copper (as copper gluconate)	1 mg 50%	
Manganese (as manganese gluconate)	2 mg 100%	
Chromium (from vegetable culture †)	50 mcg 42%	
Potassium (as potassium chloride)	99 mg 3%	

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	Amount Per Serving	% Daily Value
Taurine	200 mg	*
L-Carnitine fumarate	30 mg	*
L-Methionine	25 mg	*
L-Lysine HCI	25 mg	*
N-Acetyl-L-Cysteine	10 mg	*
Neonatal Heart (bovine)	100 mg	*
Lamb Pituitary/Hypothalamus Complex (ovine)	10 mg	*
Neonatal Adrenal Complex Concentrate (bovine)	10 mg	*
Neonatal Pancreas (bovine)	10 mg	*
Hawthorne (berries)	50 mg	*
Vanadium (from vegetable culture †)	5 mcg	*
Octacosanol (from rice)	500 mcg	*
Coenzyme Q <sub>10</sub>	1 mg	*
Superoxide Dismutase (from vegetable culture †)	20 mcg	*
Catalase (from vegetable culture †)	20 mcg	*

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

† Specially grown, biologically active vegetable culture containing **Phytochemically Bound Trace Elements™** and/or naturally associated phytochemicals including polyphenolic compounds with SOD and catalase dehydrated at low temperature to preserve associated enzyme factors.



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