



PROFLAVANOL PROFLAVANOL® 90



- Provides a potent antioxidant formula based on a synergistic combination of grape seed bioflavonoids and POLY C®*
- May provide enhanced capillary strength and vascular function and healthy immune function*
- Designed and manufactured according to USP and pharmaceutical GMP guidelines

It is a paradox of life. We require oxygen for efficient energy production and for the function of many metabolic pathways. And yet oxygen, in a variety of chemical forms collectively known as “reactive oxygen species” (ROS), is toxic to our cells and tissues.^{1,2} Elevated exposure to ROS creates a physiological imbalance known as oxidative stress.^{3,4} Dietary antioxidants are a primary line of defense against oxidative stress.^{5-9*}

THE FIGHT AGAINST FREE RADICALS

Free radicals and reactive oxygen species have become true enemies to our health. Every day these reactive molecules—from environmental pollution, cigarette smoke, fatty diets, and from normal cellular metabolism—assault our cells. One of the best ways to counteract this assault is to arm our bodies with a broad spectrum of antioxidants that can neutralize free radicals.^{5-10*}

The proanthocyanidins (a form of bioflavonoids) in grape seed extract appear to be some of the most powerful free-radical scavengers yet discovered.* Proanthocyanidins are found in many types of foods, but only in extremely small amounts.

SOUND CARDIOVASCULAR FUNCTION

Research suggests a strong role for dietary

bioflavonoids in promoting and maintaining sound cardiovascular function.* This originates from the observation that relatively low rates of heart disease exist in France despite a diet high in saturated fat.¹¹ This apparent “French paradox” has been attributed to the proanthocyanidins in the red wine consumed with most meals. Human clinical research has also shown that proanthocyanidins in red wine maintains healthy endothelial function.^{12-14*}

Proanthocyanidins have been studied extensively in Europe and in the U.S. Scientifically observed and documented benefits include:

- Helps protect plasma LDL from oxidation¹⁵
- Maintain healthy capillary strength and vascular function^{16, 17*}
- Maintain healthy immune function^{18, 19*}
- Increased peripheral circulation, which helps maintain healthy vision^{20, 21*}

WHY PROFLAVANOL® AND PROFLAVANOL® 90?

PROFLAVANOL® is a key weapon in your antioxidant arsenal.* USANA uses the highest quality grape seed extract. Coupled with our exclusive formulation, POLY C®, the strong free-radical scavengers in PROFLAVANOL provide you

with an important tool in the quest for lifelong good health.^{22,23*} Laboratory studies done at USANA confirm the synergy in PROFLAVANOL's combination of grape seed bioflavonoids and exclusive form of vitamin C. Together these ingredients provide significantly better protection against the oxidative modification of low density lipoproteins (LDL) than would be predicted from the sum of their individual effects.* Not only do proanthocyanidins neutralize free radicals themselves, they conserve and regenerate vitamins C and E.²⁴

Regular strength PROFLAVANOL contains 30 mg of grape seed extract while triple strength PROFLAVANOL 90 contains 90 mg of grape seed extract. Both offer superior antioxidant protection* in a strength that's right for you.

PROFLAVANOL is laboratory tested, quality guaranteed. Meets USP specifications for potency, uniformity, and disintegration where applicable.

* 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.

References

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Take two (2) to four (4) PROFLAVANOL tablets daily, preferably with meals.

Supplement Facts		
Serving Size 1 Tablet		
	AMOUNT PER TABLET	% DV*
VITAMIN C (AS CALCIUM, POTASSIUM, MAGNESIUM AND ZINC ASCORBATES)	100 mg	167%
GRAPE SEED EXTRACT	30 mg	†
ASCORBYL PALMITATE	12 mg	†

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

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Take one (1) to three (3) PROFLAVANOL 90 tablets daily, preferably with meals.

Supplement Facts		
Serving Size 1 Tablet		
	AMOUNT PER TABLET	% DV*
VITAMIN C (AS CALCIUM, POTASSIUM, MAGNESIUM AND ZINC ASCORBATES)	300 mg	500%
GRAPE SEED EXTRACT	90 mg	†
ASCORBYL PALMITATE	12 mg	†

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

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