

# HYBRID

Proflavanol C<sup>100</sup> provides a powerful combination of grape seed bioflavonoids and USANA's proprietary Poly<sup>®</sup> C vitamin C blend for the maintenance of good health.

## THE BENEFITS OF PROFLAVANOL C100

Our modern lifestyles are full of threats to our health. Pollution, fatty diets, and UV exposure all can result in excessive oxidative damage to our cells, while chronic stress, exposure to pathogens, or even intense exercise can tax our immune system.

Proflavanol C<sup>100</sup> is produced using USANA's cutting-edge Nutritional Hybrid Technology, which combines 100 mg of grape seed extract and 300 mg of vitamin C into one pill. This powerful combination is designed to help protect your health in a number of ways:

- Helps in the development and maintenance of bones, cartilage, teeth, and gums
- Helps prevent vitamin C deficiency
- Helps the body metabolize fats and proteins
- Vitamin C helps in connective tissue formation
- Helps wound healing

#### THE SCIENCE BEHIND PROFLAVANOL C<sup>100</sup>

Proanthocyanidins, a subclass of bioflavonoids found in blue and purple berries and also concentrated in grape seeds, have been found to be 50 times more potent than vitamin E when it comes to neutralizing free radicals-the antioxidant activity that can help protect cells against damaging oxidative stress. And vitamin C has long been considered the "master antioxidant," as it not only actively neutralizes free radicals but helps to regenerate other antioxidants as well. Working together in Proflavanol C<sup>100</sup>, vitamin C and grape seed bioflavonoids provide powerful antioxidant protection to help you maintain good health.

Consumption of red wine, which contains proanthocyanidins, is believed to be one of the factors that contribute to the "French Paradox"—the relatively low rates of heart disease that exist in France, despite a diet high in saturated fat.

Your immune system is an incredibly complex and intricate protective mechanism designed to shield your body against billions of viruses, toxins, and harmful bacteria. And when your shield is weak, your body is at risk. Vitamin C is also a factor in many aspects of good health. Vitamin C helps in the development and maintenance of bones, connective tissue, teeth, and gums. It aids wound healing, and it helps the body metabolize fats and proteins. Because human bodies are incapable of manufacturing vitamin C, we must rely on our diet to satisfy our daily requirement.

One type of connective tissue supported by vitamin C is collagen, which is integral to skin's elasticity and firmness. Collagen tends to start breaking down as we age, and oxidative stress caused by UV exposure can accelerate this process, leading to visible wrinkles, sagging, and unwanted pigmentation.

### THE USANA DIFFERENCE

A unique supplement made with USANA's innovative Nutritional Hybid Technology, Proflavanol C<sup>100</sup> combines the highest quality grape seed extract with the free-radical quenching power of USANA's Poly C vitamin C blend, which effectively raises levels of vitamin C in the body for a longer period of time than equal amounts of ascorbic acid only (ascorbic acid is the most common form of vitamin C used in other supplements). Combining the two nutrients into one supplement provides your body with powerful nutrients that can help you maintain good health.

#### ITEM #110

ITEIWI#ITU	
RECOMMENDED USE: PROVIDES ANTIOXIDANTS FOR THE MAINTENANCE OF GOOD HEALTH. / USAGE RECOMMANDE : ASSURE DES ANTIOXYDANTS POUR PRÉSERVER UNE BONNE SANTÉ.	
RECOMMENDED ADULT DOSE: TAKE TWO (2) TO FOUR (4) TABLETS DAILY, PREFERABLY WITH FOOD. / DOSE RECOMMANDÉE POUR ADULTES : PRENDRE DEUX (2) À QUATRE (4) COMPRIMÉS PAR JOUR, DE PREFERENCE EN MANGEANT.	
EACH TABLET CONTAINS: MEDICINAL INGREDIENTS VITAMIN C (POLY C° VITAMIN BLEND: CALCIUM, POTASSIUM, MAGNESIUM, ZINC ASCORBATES; ASCORYBL PALMITATE)	CHAQUE COMPRIMÉ CONTIENT : INGRÉDIENTS MÉDICINAUX INGRÉDIENTS MÉDICINAUX VITAMINE C VITAMINE DULY C <sup>IDE</sup> : ASCORBATES DE CALCIUM, POTASSIUM, MAGNÉSIUM ET ZINC; PALMITATE D'ASCORBYLEI
GRAPE SEED EXTRACT 10 ng EXTRAT DE PÉPINS DE RAISIN (MTS WINFERA L.SEEDS) NON-MEDICINAL INGREDIENTS: MICROCRYSTALLINE CELLULOSE, PREGELATINZED STARCH, CROSCAMIELLOSE SODIMU, SILCON DIVISIO, DETRIN, NATURAL GRAPE PLAVOUR, DEXTROSE, SOY LECTHINI, STEVAJ, SODIMI CITRATE, //INGREDIENTS NON MEDICINALY: CALLULOSE MICROCRISTALLINE, AMONE NATUREL DE RAISIN, DEXTROSE, LEGOTIMINE DE SAJA, STEVAJ, CITRATE DE SODIMI. KEEP OUT OF REACH OF CHLIDREN CONSULT VOUR PHYSICIANI FYOU ARE PREGNANT, NURSIN, TAXINO R PRESCRIPTION DUIG, OR HAVE A MEDICAL CONDITION ( GARDER	
HORS DE LA PORTÉE DES ENFANTS. CONSULTEZ VOTRE MÉDECIN SI VOUS ÉTES ENCEINTE, ALLAITEZ, PRENEZ UN MÉDICAMENT DÉLIVRÉ SUR ORDONNANCE, OU SOUFFREZ D'UN PROBLÊME DE SANTÉ.	
THERE IS A SAFETY SEAL UNDER THE CAP. DO NOT USE IF THE SEAL IS BROKEN OR MISSING. STORE BELOW 25° C. / CE FLACON EST SCELLÉ. N'UTILISEZ PAS LE CONTENU SI LA FERME- TURE DE SECURITÉ EST ENDOMMAGÉE OU ABSENTE. CONSERVER À UNE TEMPÉRATURE INFÉRIEURE À 25 °C.	
LABORATORY TESTED, QUALITY GUARANTEED. MEETS USP SPECIFICATIONS FOR POTENCY, UNIFORMITY, AND DISINTEGRATION WHERE APPLICABLE. / TESTÉ EN LABO- RATOIRE. QUALITÉ GARANTIE. CONFORME AUX NORMES USP EN MATIÈRE DE PUIS- SANCE, D'HOMOGÉNÉITÉ ET DE DÉSINTÉGRATION, LE CAS ÉCHÉANT.	
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#### References

· Ariga T. The antioxidative function, preventive action on disease and utilization of proanthocyanidins. 2004. Biofactors 21(1-4):197-201. • Bagchi D, Bagchi M, Stohs SJ, Das DK, Ray SD, Kuszynski CA, Joshi

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- SS, Pruess HG. Free radicals and grape seed proanthocyanidin extract: importance in human health and disease prevention. 2000. Toxicology 148(2-3):187-97
- · Carr AC, Frei B. Toward a new recommended dietary allowance for vitamin C based on antioxidant and health effects in humans. 1999. Am J Clin Nutr 69(6):1086-1107
- Cos P, De Bruyne T, Hermans N, Apers S, Berghe DV, Vlietinck AJ. Proanthocyanidins in health care: current and new trends. 2004. Curr Med Chem 11(10):1345-59.
- da Silva Porto PA, Laranjinha JA, de Freitas VA. Antioxidant protection of low density lipoprotein by procyanidins: structure/activity relationships. 2003. Biochem Pharmacol 66(6):947-54
- · Meyer AS, Yi O, Pearson DA, Waterhouse AL, Frankel E. Inhibition of Human Low-Density Lipoprotein Oxidation in Relation to Composition of Phenolic Antioxidants in Grapes. 1997. J Agric Food Chem 45:1638-1643.
- Murad S, Grove D, Lindberg KA, Reynolds G, Sivarajah A, Pinnell SR. Regulation of collagen synthesis by ascorbic acid. 1981. Proc Natl Acad Sci 78(5):2879-82.
- · Natella F, Belelli F, Gentili V, Ursini F, Scaccini C. Grape Seed Proanthocyanidins Prevent Plasma Postprandial Oxidative Stress in Humans. 2002, J Agric Food Chem 50(26):7720-5.
- · Nuttall SL, Kendall MJ, Bombardelli E, Morazzoni P. An evaluation of the antioxidant activity of a standardized grape seed extract, Leucoselect. 1998, J Clin Pharm Ther 23(5):385-9.
- · Osganian SK, Stampfer MJ, Rimm E, et al. Vitamin C and risk of coronary heart disease in women. 2003. J Am Coll Cardiol 42(2):246-252.
- Rabovsky A, Cuomo J. Pharmacokinetics of Poly C versus Ascorbic Acid. 2000. USANA Clinical Research Bulletin.
- Yoshida M, Takashima Y, Inoue M, et al. Prospective study showing that dietary vitamin C reduced the risk of age-related cataracts in a middle-aged Japanese population. 2007. Eur J Nutr 46(2):118-124.