PINE BARK EXTRACT

Powerful Antioxidant Defense



ine trees have always enriched our lives, whether by their majestic beauty in a landscape, as a part of holiday celebrations, or by their wonderful scent during a hike in the forest. But the Native Americans knew the deeper health benefits of pine, and those properties are being rediscovered by modern health practitioners.

Pine bark contains complex bio-

flavonoids known as proanthocyanidins—condensed tannins that are responsible for the astringent character of fruits, berries, beans, and tea. Pine bark contains high numbers of bioflavonoids, and the proanthocyanidins in pine bark extract are among the most vigorous of any plant. The bioflavonoids in pine are effective antioxidants, benefiting capillary health and the cardiovascular system. They are energetic free radical scavengers that help protect the body from oxidative damage.

Source Naturals is pleased to bring you PINE BARK EXTRACT, a botanical wonder that has given health to humans for centuries.





Historic Health Benefits

Ah...the romance and adventure of life on the open seas: the explorer's quest for new continents, gold, swashbuckling, and treasure! Too bad the reality was usually a gruesome early death—drowning, infection, malnutrition, or all three combined.

French explorer Jacques Cartier, during his 16th century discovery of the St. Lawrence Seaway, had a somewhat different experience. He and his men were stranded in ice when an early winter set in, their health was suffering, their supply of salted pork and dried biscuits-their daily diet-was running low, and their occasional land forays for game were becoming more difficult. A Native American took pity on them and brewed them a tea made from pine needles and pine bark. The health benefits of the tea surprised Cartier; he and his men drank it twice a day and they wrote about its rejuvenating qualities in their journals. They survived the winter and returned to France as heroes. Their journals, combined with other legendary Native American uses of pine, influenced modern investigations of pine and its health properties.

Modern Antioxidant

Only within the past 20 years have the processes of bioflavonoids been studied, but it is now known that more than 60 physical imbalances are stabilized and improved by the use of antioxidants. As one of the strongest natural antioxidants, PINE BARK EXTRACT scavenges free radicals to protect healthy cells; it enhances immune function; it aids the binding of elastin and collagen to

the skin, making skin look younger; it supports capillary function and protects the linings of blood vessels; it protects against seasonal imbalances; it supports healthy joints and it helps maintain healthy blood pressure. It recycles oxidized (spent) vitamin C to the bioactive form and protects vitamin E from oxidation, thereby enhancing the immune functions of those important vitamins.

Wide-Ranging Benefits

Antioxidant Defense is one of the twelve deep metabolic SystemiCare™ systems identified by Source Naturals as a fundamental key to health and well-being.

Source Naturals is pleased to bring you PINE BARK EXTRACT, a natural source of bioflavonoid antioxidants which positively affect the health of your entire body.

References

Havsteen B (1983) Flavonoids, A Class of Natural Products of High Pharmacological Potency. *Biochemical Pharmacology.* 32: 1141-1148. Lamming, et al (2004) Small molecules that regulate lifespan: evidence for xenohormesis. *Molecular Biology.* 53:1003-1009. Raiber S, et al. (1995) Molecular and enzymatic characterization of two stilbene synthases

ic characterization of two stilbene synthases from Eastern white pine (*Pinus strobus*). Federation of European Biochemical Societies Letters. 361:299-302

Rasmussen, et al. (2005) Dietary proanthocyanidins: Occurrence, dietary intake, bioavailability, and protection against cardiovascular disease. *Mol. Nutr. Food Res.* 49: 159-174.



Strategies for Wellness***

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