

Belinal® – silver fir branch extract

The story of Belinal® is the story of a Christmas tree

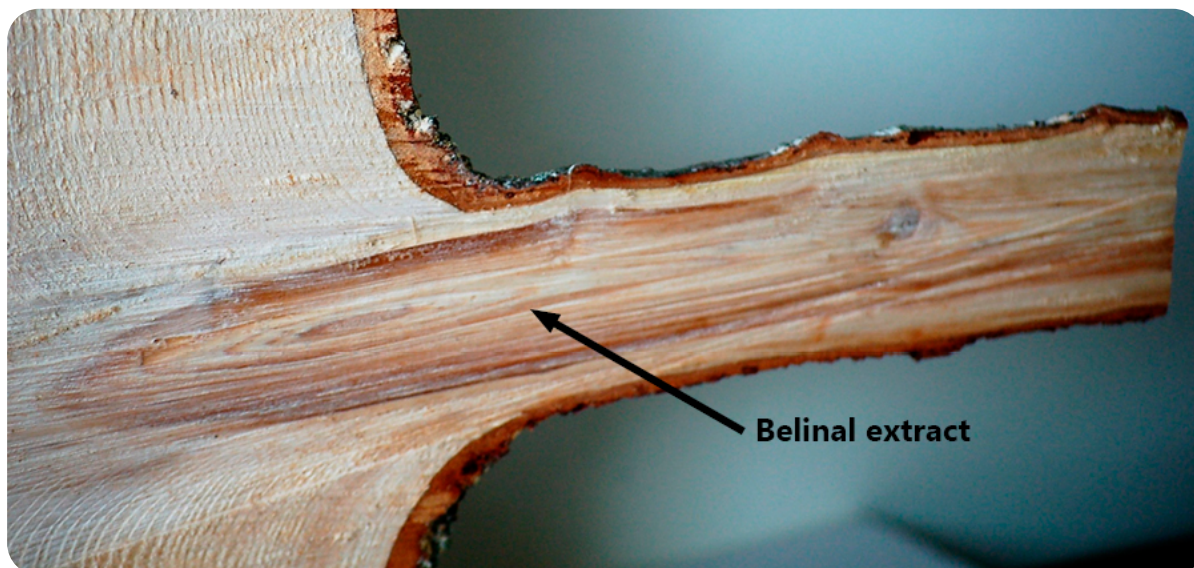
The symbolic meaning of the silver fir tree represents life, rebirth, and stamina needed to endure the winter months. Early Christians knew the symbolism of silver fir as they added candles and apples and held the silver fir tree as a symbol of life until nowadays. The healing properties of the silver fir branches has long been known to our ancestors.

Silver fir branches used to be significantly consumed among people in mountain areas of Europe for the making of tea against common cold and rheumatism.



High in the cold mountain forest, only the most durable plants survive extreme conditions. This is the home of a silver fir tree that hide healthy ingredients developed in millions of years.

Silver fir branches grown in the pristine European mountain forest are manually selected for the production of Belinal® extract. This way we ensure the highest quality of the silver fir tissues with accurate knowledge of their origin.



Proven health benefits

- **Anti-diabetic Activity and maintenance of normal blood glucose levels:** it has been proven by a clinical study that Belinal® inhibits the enzymes alpha amylase and alpha glucosidase that break down carbohydrates, so that not all carbohydrates are converted to glucose at one time. This can help maintain a healthy glucose level and control the carbohydrate intake. It also reduces the postprandial hyperglycemia induced by starchy meal by 35%. Because it lowers glycemic index of the meals, it has beneficial effect on the body weight.
- **Muscle regeneration:** Belinal® synergistically reduces feelings of soreness and preserves from muscle damages induced by sport practice, allowing athletes and fitness enthusiasts to resume training faster.
- **Improves vascular elasticity and prevents plaque formation:** the extract has been shown to improve elasticity and prevent the formation of vascular plaques as well as protection of the arteries.
- **An immune system booster:** the extract has significant inside cell anti-oxidant activity. It neutralizes free radicals that cause oxidative stress and cell damage and is the ideal support for the immune system. It also alleviates the symptoms of colds or flu.
- **Improves joint mobility:** it has been proven that the extract has an anti-inflammatory effect and accelerates the regeneration of joint cartilage and connective tissue, which is extremely important for the normal functioning of the joints.

- **Inhibits the growth of cancer cells:** as the research show, the extract inhibits the growth of human cancer cells.
- **Improves cognitive functions and concentration:** Belinal® extract strongly relaxes cerebral vessels, increases blood flow and improves concentration.
- **Accelerates the regeneration of collagen and elastin in the skin, smoothes wrinkles and increases elasticity:** Belinal® extract boosts regeneration and appearance of the skin. It smoothes wrinkles, increases skin moisture and elasticity, lightens dark spots and protects the skin from the harmful effects of UV rays.
- **Anti-oxidant Activity:** the content of antioxidants in food is determined by using ORAC scale (Oxygen Radical Absorption Capacity). Belinal® – silver fir branch extract has significantly higher anti-oxidative potential compared to TOP HIGH ORAC Value Antioxidant Foods published by NIH and USDA. ORAC value of Belinal® is 1.004.900 units expressed in $\mu\text{mol Trolox/ 100 g}$ (see figure below).

BELINAL - ORAC / Oxygen Radical Absorbance

