

Cornus mas: A super fruit for superpower in Life Sciences

An ancient medicinal plant rediscovered

The fruit of the Cornelian cherry tree (Cornus mas) has been valued for its health-promoting properties for thousands of years – especially for its nutrient content and bioactive compounds. For example, it's rich in antioxidants such as ascorbic acid, anthocyanins and flavonoids. It is also said to have an anti-inflammatory effect and strengthen the immune system. In addition, the small red superfruit is considered to aid digestion and alleviate stomach problems, to name just the most important properties.



A strong pedigree and careful processing

At PLETTERBAUER, we've been processing fruit from our own plantation in Burgenland for 26 years. With around 1,200 trees, it's the largest organic Cornelian cherry plantation in Central Europe. Around 95% of the trees are of the "JOLICO" variety, which was cultivated by an Austrian gardener. This type of Cornelian cherry is particularly frost and drought-resistant, resistant to pests and thus has a long lifespan of between 100 and 200 years. Just as important, the JOLICO Cornelian cherry is high-yielding, large-fruited and is exceptionally rich in vitamin C, anthocyanins and flavonoids. This makes it perfect for use in the healthcare sector.

However, it also requires a skillful hand during processing. We are the only certified company to harvest the fruit exclusively by hand! We also prune and fertilise the trees by hand. This guarantees us the purest certified organic fruit of the highest quality. Only in this way can we be sure that the ingredients of the small superfruit unfold their full power.



Our certifications:



Organic quality and powder: an unbeatable team in medicine



In our partners' state-of-the-art facilities, a special process has been developed in accordance with IFS and HACCP standards to pulverise the Cornelian cherry. The product-friendly sieve pressing and cold aseptic filling of the puree is followed by freeze-drying to produce highly effective fruit powder.

The advantage: The powder contains all the active ingredients in a highly concentrated form and can be optimally processed for the pharmaceutical and OTC sectors, whether in the form of globules, capsules, teas or other products.

Good properties, good effects

Studies on animals and cell cultures conducted by independent institutes confirm that the fruit of the Cornelian cherry tree with its antioxidants can help reduce cell damage caused by free radicals and strengthen the immune system. The bioactive compounds contained in the superfruit can have an anti-inflammatory effect. This can help to alleviate conditions such as arthritis or generally promote anti-inflammation in the body. In addition, the fruit of Cornelian cherry can support heart health by improving vascular health and regulating cholesterol levels.

The main properties and indications at a glance:

FLAVONOIDE

GASTROINTESTINAL DISEASES

The Cornelian cherry fruit contains dietary fibre, which can aid digestion. It can also help relieve stomach problems such as diarrhoea or stomach cramps.

POTASSIUM + VITAMIN C

URINARY TRACT DISEASES

Some cultures rely on the slight diuretic effect of the fruit of the Cornelian cherry tree. This helps cleanse the urinary tract and thus prevent infections.

PECTIN

DIARRHOEAL ILLNESSES

The high pectin content of the Cornelian cherry fruit can help thicken the stool and relieve diarrhoea. Therefore, the superfruit is found in some remedies for this indication.

Our Cornelian cherry know-how

The company behind Cornus Mas is PLETTERBAUER from Vienna. It brings over 20 years of experience with the Cornelian cherry: from cultivating the fruit and organic farming methods to harvesting and processing the superfruit. Our commitment to quality has been recognised with several organic certifications and we are also ZZU certified. With our original products, we have made a name for ourselves in the food industry. And success in the food sector, where demand has continually increased, has led to the entry into the medical sector, as studies show that the small red superfruit can help improve or even alleviate conditions in many indications. Whichever way you want to use Cornus mas powder, talk to us, we'll be happy to advise you.



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