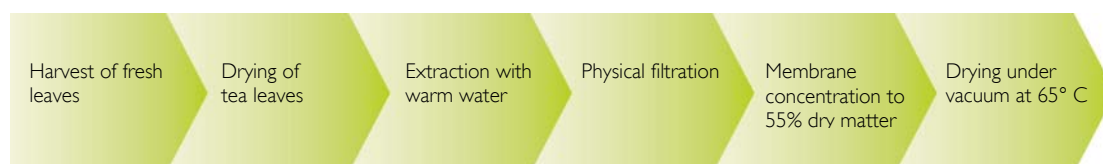


ACTISEC™ WHITE TEA

White tea is not only known as being the “emperor of tea” but for having superb health benefits. Like green and black tea, white tea is made from the young leaves of the *Camellia sinensis* plant. It is steamed and dried almost immediately after harvesting. This inhibits the oxidation of the leaves and the associated change of colour encountered in green tea and, in particular, in black tea. White tea gets its name from the much lighter infusion and the fine white hair covering the tea plant's buds.



For the production of the tea extract, the dried tea leaves are first brewed and then strained before the remaining tea liquid is concentrated by means of membrane filtration to obtain an extract with a dry matter content higher than 50 per cent. Obipektin's white tea extract powder* is produced from raw material consisting of 100 per cent pure tea.



Properties. White tea has a very light colour when brewed – with a golden to light reddish shade. The oxidation of the fresh leaves during tea production leads to the formation of complex polyphenols which give the tea its colour and its typically bitter, astringent taste. The rapid and gentle processing of white tea creates its mild taste and imparts only a slight hint of the grassy note that is typical of other teas. White tea is only soluble in hot water. We guarantee a total phenol content of min. 32 % and a caffeine content of 5.4-9.1 % in all our products.

Benefits. White tea is a relative newcomer on the market, which is why there do not exist as many scientific studies for white tea as for green tea. In addition to its fine taste, white tea offers many benefits such as the following:

- In vitro experiments have indicated a stronger antimutagenic effect for white tea compared to green tea.
- White tea has a strong antimicrobial effect against viruses and bacteria, and it promotes dental health. When used in toothpaste, white tea strengthens its antimicrobial effect in a natural way.
- Like green tea, white tea contains components which can reduce the risk of cancer and lower the LDL cholesterol level (Low-density Lipoprotein) in the blood.

Possible applications of white tea powder

Beverages, confectionary, bakery.

Go ahead!

Benefit from our decades of experience in the careful drying of fruit and vegetable powders. Ask for further recipes and samples. We will be glad to give you reliable and extensive advice.

- * A product from the ACTISEC™ range. ACTISEC™ is a range of natural products which contain a guaranteed minimum level of phytonutrients. They are sold in powder form.