



PREMIER WHITE TEA EXTRACT 10%

Product Code #469685

**INCI name: Butylene Glycol/Water/Camelia Sinensis Leaf
Extract**

CAS# 107-88-0

CAS# 7732-18-5

CAS# 84650-60-2

White Tea is grown in the high mountains of the Fujian Province in China where it has been prized for its health benefits. White Tea has been used to prepare beverages for more than 3,000 years and was considered an “imperial” treasure from the Song Dynasty through the Great Qing Dynasty (1644-1912). It was rumored that this “imperial” tea consisted only of the silver needle shaped buds that were picked by virgins clad in white gowns and armed with golden spears. The emperor relished the fact that only the pure gold and his lips would touch this tea, which was referred to as the Emperor’s Tea.

White Tea is an unfermented tea in that its leaves are first fresh picked and stored at room temperature with good ventilation and no sunlight for 3 to 4 days, then dried at 150° C for 5 to 8 minutes and sifted through a fine mesh screen. The result is a purer, more natural state that researchers from Oregon State University report may cause White Tea to have a greater concentration of polyphenols than Green Tea.

White Tea contains a family of compounds known as polyphenols that are cited in the literature as bestowing a number of health related benefits associated with its consumption including:

- Anti-Inflammatory
- Astringent
- Maintenance of healthy digestive and nervous systems
- Associated with a decrease in total cholesterol
- Potent anti-oxidant and free radical scavenger
- Inhibitor of collagenase
- Antimicrobial activity against P. acnes
- Chemopreventive agent against sun damage
- Antimutagenic agent

Premier White Tea Extract 10% is standardized White Tea extract solution in water and butylene glycol. It is water-soluble and should be dispersed into the water phase of the product. It can also be used in an oil-based formulation by first dissolving in a medium such as Polysorbate or propylene glycol in an optimum level of 10-20% depending on specific application.

Cosmetic Uses:

- Helps diminish irritation associated with AHA products
- A potent anti-oxidant scavenger of harmful free radicals
- Enhances sunscreen performance through anti-oxidant and anti-inflammatory activity
- Anti-aging skin benefits through collagenase inhibition and anti-inflammatory activity
- Anti-oxidant properties help to stabilize botanicals in finished products
- Moisturizing effect on the stratum corneum

Advantages of Premier White Tea 10% Extract

- No added caffeine
- No preservatives
- Total Polyphenols >2% (by UV method)
- EGCG approximately 1%
- Total Catechins, minimum 1.5%

References:

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