



## Dried Melaleuca alternifolia Leaves

Common Name:	Dried Melaleuca alternifolia Leaf
Botanical Name:	Melaleuca alternifolia (Maiden & Betche) Cheel
Pinyin Name:	Hu Ye Bai Qian Ceng Ye/ Australian tea tree leaves
Plant Part Used:	Laeves
Quality Standard:	European Pharmacopoeia Standard
Specification:	Whole leaf/cut/extract powder

### Specifications

Whole leaf, cut, powder, or OEM

Shrub, the bark is off-white, thick and soft, peeling off in thin layers; the branchlets are cylindrical. Leaves alternate, lanceolate, green, Smells aromatic.

The main use is to extract Tea tree oil from branches and leaves.

### Origin

Guangdong, China



A colorless to pale yellow light oily liquid obtained by steam distillation of fresh branches and leaves of plants. Botanically defined as Melaleuca alterniflora oil, commonly known as "tea tree oil"

**The main chemical components:** terpinene、 pinene、 limonene、 cineole、 terpineol、 cumene

Tea tree essential oil is native to Australia and is an extract of tea tree.

### Functions:

Sterilizing and reducing inflammation, constricting pores, curing colds, coughs, rhinitis, asthma, improving dysmenorrhea, irregular menstruation and genital infections.

Suitable for oily and acne skin, treatment of purulent wounds and burns, sunburn, Hong Kong feet and dandruff.

Make the mind clear, rejuvenate and resist depression.

### **Harvesting**

Plants that grow to 270-280 cm should be harvested in time, and sunny days should be selected when felling, and should be carried out in the morning and evening, and after the dew dries.

Use a small hacksaw to cut horizontally closer to the soil surface, leaving the stump height about 20 cm. Care should be taken to avoid stump splitting, otherwise it will affect the second year of budding. After harvesting, re-apply sufficient base fertilizer to supplement the nutrients consumed by the soil, and timely carry out cultivating irrigation management.

### **Application**

Pharmaceutical and chemical industry, food industry, beauty and health industry, daily chemical industry

### **The difference between tea oil tree and tea tree**

Tea oil tree is not the tea tree that we see in daily life. The tea tree belongs to the camellia genus of the Camellia family. It is a perennial evergreen woody plant. The fruit can extract tea oil (ie For edible tea oil);

The tea oil tree (*Melaleuca alterniflora*), which is native to Australia, is only suitable for planting in belt-shaped areas with a subtropical climate environment of 50 kilometers south and north with the Tropic of Cancer (23.5 degrees) as the central axis.

Tea tree essential oil (Tea tree oil) is extracted from its fresh branches and leaves. It is a natural oil and is widely used in daily sanitary products, skin health products, cosmetics, food fragrances, medicines, organic and biological pesticides and many other fields.

### **Environmental protection**

1. *Melaleuca alterniflora* has a well-developed root system, which can prevent soil erosion, and has strong wind resistance, drought resistance, and waterlogging resistance;
2. *Melaleuca alterniflora* has antibacterial and bactericidal effects. The aromatic oil scent it emits can not only repel insects and mosquitoes, but also purify the air in the forest and reduce the risk of plant diseases and insect pests;
3. Green and environmental protection, no pollution to the land, and no environmental pollution material;
4. Purifying the land can absorb heavy metal substances in the soil and improve the quality of the soil.

### **Company**

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