

## Green Tea Extract

Cat. No. EXTC-064

Lot. No. (See product label)

### Introduction

#### Description

Green tea extract is extract from leaf of the theaceae plant camellia sinensis. The active ingredient of green tea extract is tea polyphenols, catechin and egcg. With the function of antioxidant, scavenging free radicals, green tea extract can be used as a safe new natural food antioxidants.

#### Applications

Raw materials for health care products: tea polyphenol capsules, tea juice-type tablets, etc. Functional food raw materials: tea polyphenol tablets, health tea, weight loss tea, etc. Cosmetics: sunscreen, skin care cream, cooling shower gel and tea deodorant, anti-caries medicinal toothpaste, etc.

### Product Information

#### Species

Camellia Sinensis O. Ktze.

#### Source

Leaf

#### Appearance

Fine brown red to brown yellow powder

#### Activity

98% Polyphenols 70% Catechins 40% EGCG 5% Caffeine

#### Function

**Antioxidant Action:** Green tea extract is rich in antioxidants, particularly EGCG, which can neutralize free radicals, reduce oxidative damage, help delay aging, and protect cells from environmental pollutants and UV radiation. **Promote Fat Metabolism and Weight Loss:** Green tea extract accelerates fat oxidation and calorie burning, increases metabolic rate, and promotes fat reduction. The synergy between EGCG and caffeine helps boost fat burning during exercise, making it a key ingredient in weight loss supplements. **Support Cardiovascular Health:** The polyphenols in green tea extract help lower blood pressure, reduce LDL cholesterol, prevent cardiovascular diseases, and improve blood circulation. **Anti-inflammatory Action:** The catechins in green tea have significant anti-inflammatory effects, helping to alleviate symptoms caused by inflammation, support the immune system, and may help relieve conditions like arthritis and skin inflammation. **Anti-cancer Effects:** Research shows that EGCG in green tea extract has potential to inhibit cancer cell growth, especially in preventing types of cancer such as breast, colon, and prostate cancer. **Improving Brain Function:** The combination of L-theanine and caffeine in green tea enhances cognitive ability, memory, and focus, reduces stress, and promotes relaxation. **Blood Sugar Regulation and Diabetes Management:** Green tea extract may help regulate blood sugar levels and improve insulin sensitivity, offering supportive benefits for diabetes management. **Antibacterial and Antiviral Properties:** Green tea extract has antibacterial, antiviral, and antifungal properties that help boost the immune system and prevent common illnesses like colds and viral infections. **Skin Care and Anti-aging:** Due to its powerful antioxidant and anti-inflammatory properties, green tea extract is widely used in skincare products to combat aging, reduce fine lines and wrinkles, protect the skin from UV damage, and promote skin repair. **Oral Health:** Green tea extract's natural antibacterial properties help prevent gum disease, bad breath, and tooth decay, while maintaining oral hygiene by reducing bacteria in the mouth.

### ***Usage and Packaging***

#### ***Package***

25KG/Drum with double plastic bag of foodstuff inside

### ***Storage and Shipping Information***

#### ***Storage***

Store in a cool, ventilated and dry place, avoid direct sunlight.