



- **Latin Name:** Fructus Foeniculi
- **Active Ingredient:**
- **CAS No.:**
- **Test method:** TLC
- **Specifications:** 4:1, 10:1, 20:1

Product Description:

Basic Information

Product Name: Fennel Extract

Latin Name: Fructus Foeniculi

Used Part: Seed

Assay: 4:1, 10:1, 20:1 or other ratios

Test Methods: TLC

Solubility: Soluble in water

Appearance: Brownish-yellow powder

Description

Fennel (*Foeniculum vulgare*) is a plant species in the genus *Foeniculum*. It is a member of the family *Apiaceae* (formerly the *Umbelliferae*). It is a hardy, perennial, umbelliferous herb, with yellow flowers and feathery leaves. It is indigenous to the shores of the Mediterranean but has become widely naturalized in many parts of the world, especially on dry soils near the sea-coast and on riverbanks. It is a highly aromatic and flavorful herb with culinary and medicinal uses and, along with the similar-tasting anise, is one of the primary ingredients of absinthe. Florence fennel or finocchio is a selection with a swollen, bulb-like stem base that is used as a vegetable. Fennel contains anethole, which can explain some of its medical effects: it, or its polymers, act as phytoestrogens. Fennel is widely employed as a carminative, both in humans and in veterinary medicine, to treat flatulence by encouraging the expulsion of intestinal gas. Anethole is responsible for the carminative action.

Fennel seed is used as a flavoring agent in many herbal medicines, and to help disperse flatulence. The seeds, and roots, also help to open obstructions of the liver, spleen & gall bladder, and to ease painful swellings, in addition to helping with yellow jaundice, the gout and occasional cramps. Fennel Seed was formerly an official drug in the United States, and was listed for the treatment of indigestion.

Main Function

It can improve eyesight. It is often used in tonics to clear cloudy eyes. Extracts of fennel seed have been shown to have a potential use in the treatment of glaucoma.

Fennel can be used as a diuretic and it can be an effective diuretic and a potential drug for treatment of hypertension.

Fennel is a galactagogue, improving the milk supply of a breastfeeding mother. Fennel is a source of phytoestrogens, which promote growth of breast tissue.

Fennel is very useful for chronic coughs treatment.

It has been used as an appetite suppressant and to treat stomach problems. The seeds known to be carminative have served in cases of flatulent colic and abdominal cramps.

It has also been used in the treatment of gout and tonsillitis, and as an eyewash for pink eye and ulcers on the eye. Fennel is said to possess estrogenic properties and may have a positive effect on menopause and PMS.

Application

Applied in food field, used as raw materials of tea get good reputation;

Applied in health product field , it can be used as the raw materials to enhance the immunity of human body; 3.Applied in pharmaceutical field, to be added into capsule to reduce blood sugar.

