



Name : apple extract
Other name: Malus domestica
Source: fruit
Latin name: Malus domestica
Ingredient: Polyphenols, OPC, Phloretin
Specification : 50%-80% Polyphenols, OPC5%, 90%-98% Phloretin
Test methods: HPLC/UV

What is?

The apple tree (*Malus domestica*) is a deciduous tree in the rose family best known for its sweet, pomaceous fruit, the apple. It is cultivated worldwide as a fruit tree, and is the most widely grown species in the genus *Malus*. The tree originated in Central Asia, where its wild ancestor, *Malus sieversii*, is still found today. Apples have been grown for thousands of years in Asia and Europe, and were brought to North America by European colonists. Apples have religious and mythological significance in many cultures, including Norse, Greek and European Christian traditions.

Apple trees are large if grown from seed, but small if grafted onto roots (rootstock). There are more than 7,500 known cultivars of apples, resulting in a range of desired characteristics. Different cultivars are bred for various tastes and uses, including cooking, eating raw and cider production. Apples are generally propagated by grafting, although wild apples grow readily from seed. Trees and fruit are prone to a number of fungal, bacterial and pest problems, which can be controlled by a number of organic and non-organic means. In 2010, the fruit's genome was decoded as part of research on disease control and selective breeding in apple production.

Usage

1. Used as antioxidant;
2. Antianaphylaxis, especially dermatitis;
3. Preventing decayed tooth;
4. Whitening, sliming and restraining halitosis;
5. Anticancer;
6. Lowering blood pressure;
7. Hair-restoring and hair-darkening;
8. Lowering cholesterol of the serum.

Function

- Liver Protection:

Help heal liver damage and reduced the risk of further damage caused by chemicals such as

alcohol and medication.

- Cancer Protection:

Slow the growth of cancer cells and tumors and promote cancer cell death. Prevent skin, breast and colon cancer, and lower the risk of colon and lung cancer.

- Heart Protection:

Reduce the number of atherosclerotic lesions in arteries, the amount of cholesterol produced in the liver and uric acid content in the blood

- Cholesterol Reduction:

Increase HDL (good) cholesterol levels and reduced total triglyceride levels.

- Hair Growth:

Improve in hair density and no adverse side effects were found

- Anti-Aging:

Effect against external aging by promoting the health of skin cells and rejuvenation. Effect the Internal aging by promoting organ health, destroying the free radicals and strengthening fibers.

