



PREMIER
SPECIALTIES

Premier Specialties, Inc. 201 Egel Avenue, Middlesex, New Jersey 08846-2502



ROSA ROXBURGHII FRUIT EXTRACT

PRODUCT NAME

ROSA ROXBURGHII
FRUIT EXTRACT

APPLICATION(S)

Antiaging
Sun protection
Sensitive skin
Hair care (Color
protection)
Wound care
Skin lightening

COMPOSITION (INCI)

Rosa Roxburghii Fruit
Extract

ORIGIN

Plant

CAS NUMBERS

223748-27-4

USE LEVELS

0.5-5.0%

PRODUCT CODE

Premier #414205

PREMIER ROSA ROXBURGHII FRUIT EXTRACT

Premier Rosa Roxburghii Fruit Extract is a powder extracted from the fruit of Rosa roxburghii, a member of the rose family native to the mountain ranges of Southwest China. Because of the spiny appearance of this fruit, it is sometimes referred to as Cili Fruit, Burr Rose or the Chestnut Rose. When ripe, the fruit holds a brilliant orange-yellow color.

These hardy roses were cultivated for centuries in China for their beautiful fragrant flowers as well as for their highly nutritious fruit (hips) known to enhance energy and treat a variety of illnesses. It was not until the 1800's that this variety of roses was introduced to the western world.

WHY ROSA ROXBURGHII FRUIT EXTRACT?

Rosa Roxburghii Fruit Extract is an excellent source of polyphenols and vitamin C, as well as many other vitamins, polysaccharides, bio-flavonoids, carotenoids and roxburghic acids. These compounds work together to improve capillary health and the condition of the skin.

Cili Fruit contains over 20% vitamin C, more than any other fruit known to exist:

- ◆ 60 times more vitamin C than that of navel oranges
- ◆ 46 times more than Mandarin Oranges,
- ◆ 10 times more than Kiwi Fruit
- ◆ 450 times more than Apples

ACTIVITY OF ROSA ROXBURGHII FRUIT EXTRACT

The high content of polyphenols and vitamin C are primarily responsible for the activity of Rosa Roxburghii Fruit Extract:

- ◆ regulate keratinocyte viability and the epidermal barrier
- ◆ contribute to wound healing via stimulation of collagen production
- ◆ potent antioxidant/ free radical scavenging activity against DPPH and ABTS radicals
- ◆ anti-inflammation
- ◆ skin lightening/tyrosinase inhibition
- ◆ cellular activation to smooth wrinkles and firm skin



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ROSA ROXBURGHII FRUIT EXTRACT



TYPICAL PROPERTIES

Appearance	Powder
Color	Light to Dark Yellow
Odor	Characteristic
Polyphenol	> 10%
Vc	> 10%
Loss on drying	< 6.0%
Ash content	< 2.0%
Heavy Metals	< 20.0ppm
Arsenic	< 1ppm
Lead	< 10ppm

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