

lycopene

Cat. No. PAE-135

Lot. No. (See product label)

Product Name

lycopene

Product overview

Lycopene is widely found in tomatoes, tomato products, watermelon, grapefruit and other fruits. It is the main pigment in ripe tomatoes, one of the common carotenoids, and a red pigment. Dark red needle-like crystal, soluble in chloroform, benzene and oil but not in water. It is unstable to light and oxygen, and turns brown in the presence of iron. Higher levels are found in the fruits of mature red plants. It can be used as a pigment in food processing, and is also commonly used as a raw material for antioxidant health food.

Molecular weight

536.85

Molecular formula

$C_{40}H_{56}$

CAS number

502-65-8

Part used

This product is derived from tomato, carrot, watermelon, papaya and guava.

Specification

Lycopene CWD2% dark red crystalline powder

Lycopene 5%, 6%, 10%, 20% dark red crystalline powder (n-hexane/ethyl acetate)

Lycopene microcapsule powder 5%, 10% dark red crystalline powder

Lycopene oil 5%, 6%, 10%, 20% dark red liquid

Lycopene crystals 80%, 90% dark red crystalline powder

Appearance

Deep red crystalline Powder

Test method

HPLC

Application

1. Health products and sports supplements.
2. Cosmetic.
3. Food and drink.

Features

1. Enhance the body's oxidative stress ability and anti-inflammatory effect.
2. Protect cardiovascular and cerebrovascular.
3. Protect the skin.
4. Enhance immunity.

Storage

Cool and dry, avoid light, avoid high temperature.

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