



LYCOPENE

Lycopene is a naturally occurring compound found in certain fruits and vegetables, most notably tomatoes. It is a member of the carotenoid family, which are pigments responsible for the red, orange, and yellow colors in many plants.

Chemical Structure

Lycopene is a linear, unsaturated hydrocarbon composed of 11 conjugated double bonds, giving it a unique chemical structure among carotenoids.

Antioxidant Properties

Lycopene is a powerful antioxidant that helps neutralize free radicals in the body. Free radicals can cause oxidative stress, which is linked to various chronic diseases and aging.

Health Benefits

Research suggests that lycopene may have several health benefits, including cardiovascular protection, anti-cancer effects (particularly in prostate cancer), and protection against UV-induced skin damage.



Lycopene, a member of the carotenoid family, occurs naturally in tomatoes.

It is an oil soluble red pigment with demonstrated strong antioxidant properties. As a powerful antioxidant, lycopene is found to protect the body from harmful free radicals.

BM Ingredients Europe GmbH offers a wide range of Lycopene for a variety of supplements, fortification and coloration for foods and beverages.

- Excellent uniformity.
- Superior stability in both liquid and dry applications.
- Beadlets for easy handling and direct compressibility.
- Consistent color shade in food preparations.

Specifications

Botanical/Scientific name Lycopene

CAS no. 502-65-8

Description Redish Powder & Oleoresin

Assay By HPLC & UV 5%, 10%

Complies with EU food regulations