

Lutein (CAS 84776-23-8) Market Research Report 2024

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Abstracts

Lutein (CAS 84776-23-8) Market Research Report 2024 presents comprehensive data on Lutein markets globally and regionally (Europe, Asia, North America etc.)

The report includes Lutein description, covers its application areas and related patterns. It overviews Lutein market, names Lutein producers and indicates its suppliers.

Besides, the report provides Lutein prices in regional markets.

In addition to the above the report determines Lutein consumers in the market.

BAC Reports offers its clients in-depth market research of chemical industry products on the global and regional markets (North & Latin America, Asia Pacific, European Union, Russia and CIS).

We can analyze the following elements for each chemical product in any country or region:

capacities and production

consumption volume and structure

market price trends

exports and imports

existing technologies

feedstock market condition

market news digest

market forecast.

Lutein (CAS 84776-23-8) Market Research Report 2024 can feature:

market condition and estimations, market forecast

chemical product ranges, trademarks, analogous products, application areas

regional and global producers, consumers and traders (including contact details).

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*Please note that Lutein (CAS 84776-23-8) Market Research Report 2024 is a half ready publication and contents are subject to change. It only requires updating with the help of new data that are constantly retrieved from Publisher's databases and other sources. This updating process takes 5-7 business days after order is placed. Thus, our clients always obtain a revised and updated version of each report. Please also note that we do not charge for such an updating procedure. BAC Reports has information for more than 25,000 different chemicals available but it is impossible to have all reports updated immediately. That is why it takes 5-7 days to update a report after an order is received.

About

Product Name: Lutein

Synonyms:

(4R)-4-[(1E,3E,5E,7E,9E,11E,13E,15E,17E)-18-[(4S)-4-Hydroxy-2,6,6-trimethyl-1-cyclohexenyl]-3,7,12,16-tetramethyl-octadeca-1,3,5,7,9,11,13,15,17-nonaenyl]-3,5,5-trimethyl-cyclohex-2-en-1-ol

6'-Hydro-4',5'-dehydro-beta-carotene-3,3'-diol

beta,epsilon-Carotene-3,3'-diol

beta,epsilon-Carotene-3,3'-diol,
(3R,3'R,6'R)

Vegetable lutein

Marigold flower Extract

Lutein, all-trans-

Lutein Powder

Lutein Ester

Marigold Extract

Xanthophyll

Marigold Oleoresin

(1R,4R)-4-[(1E,3E,5E,7E,9E,11E,13E,15E,17E)-18-[(4R)-4-Hydroxy-2,6,6-trimethyl-1-cyclohexen-1-yl]-3,7,12,16-tetramethyl-1,3,5,7,9,11,13,15,

17-octadecanonaen-1-yl}-3,5,5-trimethyl-2-cyclohexen-1-ol

?,?-Carotene-3,3'-diol

CAS#:	127-40-2
Formula:	$C_{40}H_{56}O_2$
Molecular Weight:	568.87
Appearance:	Yellowish-brown, viscous liquid.
Usage:	Involved in photosynthesis along with green chlorophyll.

Lutein is a plant pigment classified as carotenoid. Lutein occurs as a fine yellow flowing powder. The product is obtained from fruits, vegetables and various types of animal fats. Lutein is insoluble in water but soluble in ethyl acetate, hexane. The product has the molecular formula $C_{40}H_{56}O_2$.

Lutein is used to reduce the risk of developing eye cataracts. Being an effective antioxidant, lutein protects cells from free radicals. Moreover, the product prevents and/or reduces the developing breast and colon cancer. Besides, lutein is potentially helpful in treating retinitis pigmentosa. Also, the product reduces the development of macular degeneration.

Lutein is considered safe for people and causes practically no side effects.

Lutein market is covered in the study Lutein (CAS 84776-23-8) Market Research Report 2023. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks lutein market situation, names manufacturers, suppliers as well as users. The report also provides current lutein prices in the market.

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