

L-Carnitine

Presentation by Primary Information Services www.primaryinfo.com mailto:primaryinfo@gmail.com



What is L-Carnitine?

L-Carnitine is a compound produced by the body from lysine and methionine. It can be acetylated to produce Acetyl-L-Carnitine (ALCAR), which is similar but crosses the blood-brain barrier more efficiently. L-Carnitine is best known for its involvement in the mitochondrial oxidation of long-chain fatty acids.

It's found in food and is most prevalent in meat, and beef in particular.



What are L-Carnitine's benefits?

Acetyl L-Carnitine is essentially L-Carnitine plus an acetyl group added to the molecule. ...
This is the preferred form of Carnitine for brain, nerve and memory support, as it assists with the synthesis of the primary neurotransmitter in the brain, acetylcholine

The US Food and Drug Administration (FDA) has approved the use of L-carnitine in hemodialysis patients for the prevention and treatment of carnitine deficiency

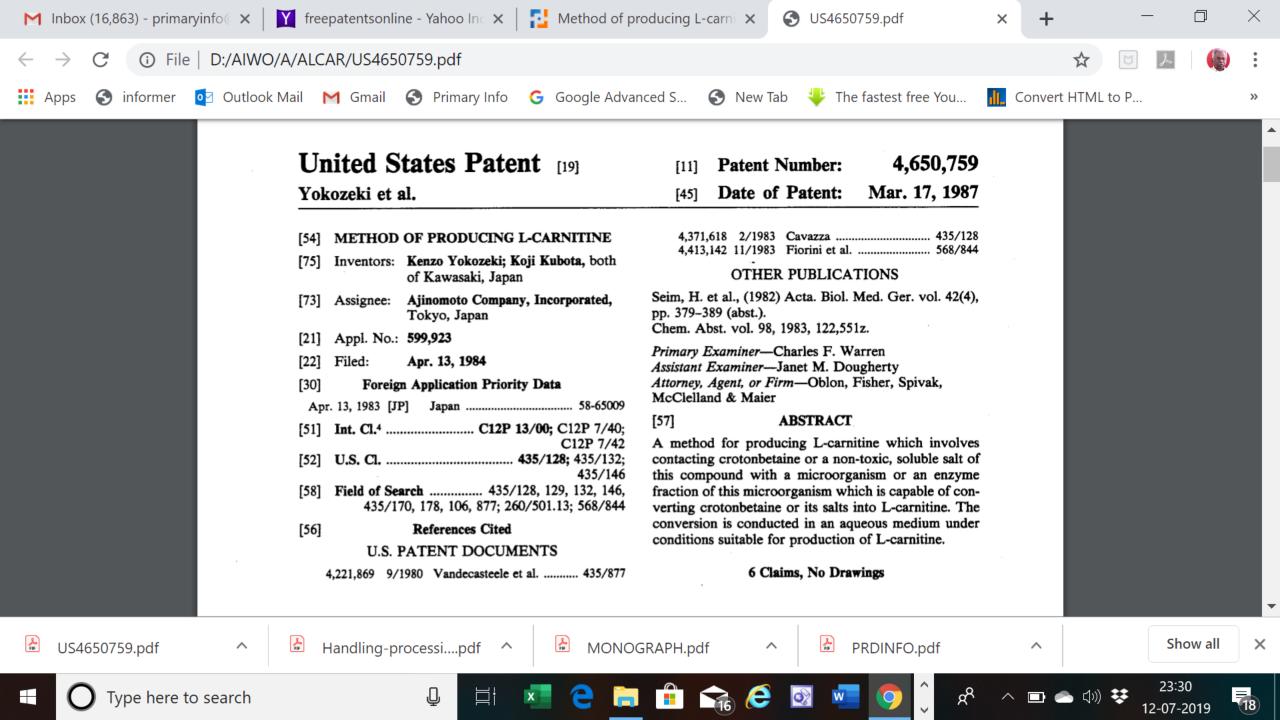
L-carnitine can be used legally as a human dietary supplement, but it is not registered with the FDA for this use.

The FDA does not regulate human dietary supplements in the same way it regulates drugs or animal feed additives; generally, manufacturers do not need to register their products with FDA or get approval before producing and selling supplements for human consumption.

The FDA is responsible for taking action regarding an unsafe product after it reaches the market and making sure the supplement's label is accurate and not misleading (FDA, 2005).

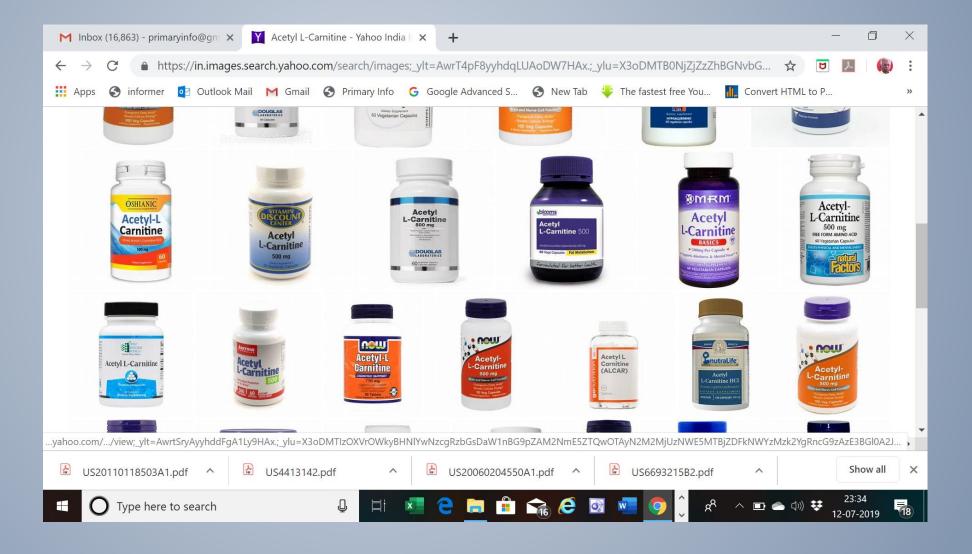


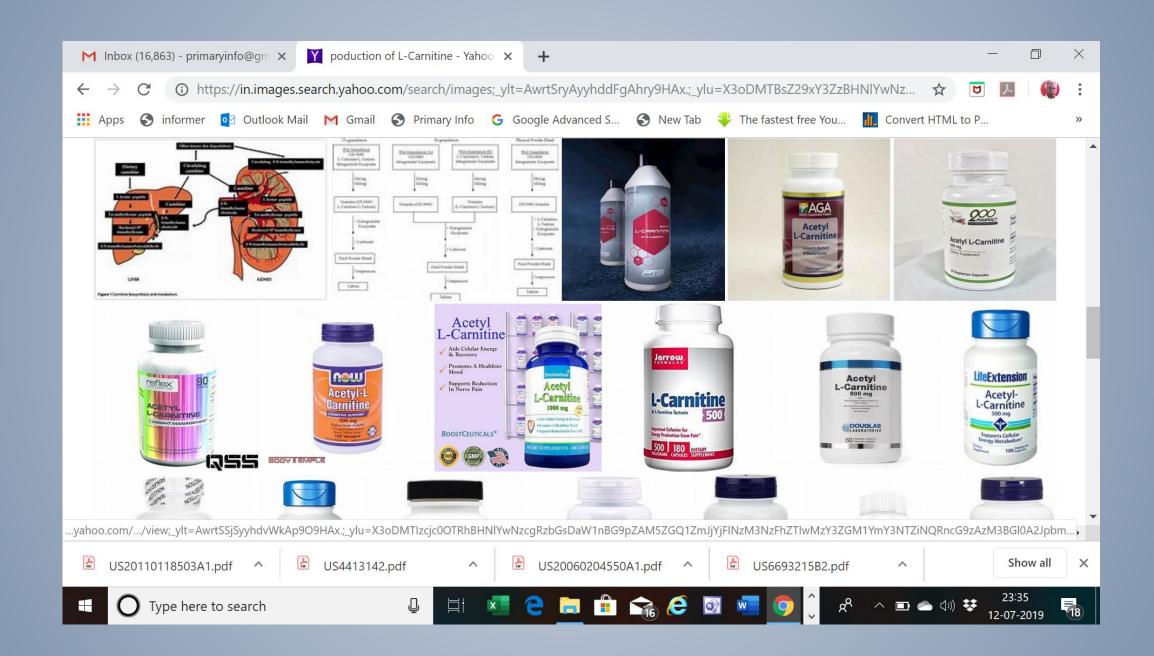
The global Acetyl-L Carnitine (ALC) industry has a rather high concentration. The major manufacturers are concentrated in North America, Asia-Pacific and Europ, such as Post Holdings, GNC, Nature's Way, Nature's Bounty and NOW. At present, Post Holdings is the world leader, holding 10.24% Sales market share





Products in the Market







Questions?

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