



## Purity 99% CAS 541-15-1 Health Care Acetyl-L-Carnitine Weight Loss Raw Powder

Our Product Introduction

### Basic Information

- Place of Origin: China
- Minimum Order Quantity: 100Grams
- Price: USD
- Packaging Details: 1kg/Foil Bag
- Delivery Time: 3-7days after received payment
- Payment Terms: T/T, Western Union, PayPal
- Supply Ability: 5000KG Per Year



### Product Specification

- Product Name: L-Carnitine
- Appearance: White Powder
- Purity: 99%
- Cas: 541-15-1
- Use For: Health Care
- Highlight: CAS 541-15-1, Acetyl L Carnitine Weight Loss, Acetyl L Carnitine Powder



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## Product Description

### Purity 99% CAS 541-15-1 Health Care Raw Powder Acetyl-L-Carnitine

Carnitine is a nutrient that is derived from the amino acids lysine and methionine. But its production may not meet the needs under certain conditions such as increased energy demands and therefore it is considered a conditionally essential nutrition.

Product name:	Carnitine
Purity:	99%
CAS:	541-15-1
Formula:	C <sub>7</sub> H <sub>15</sub> NO <sub>3</sub>
EINECS:	208-768-0

#### COA of Carnitine:

Testing Item	Standard	Result
Appearance	White crystalline powder with hygroscopicity	White crystalline powder
Assaying	97.0%~103.0%	99.50%
Identification	Infrared or specific curl	positive reaction
Specific rotation	-29°~-32°	-31.94°
PH	5.5~9.5.	6.54
Wet	≤4.0%	0.24%
Loss on Drying	≤0.5%	0.03%
Heavy metals (Pb)	≤10mg/kg	conforms
Arsenic salt	≤1mg/kg	conforms
Chloride (in Cl)	≤0.4%	conforms

#### Function of carnitine:

L-carnitine is the natural form of L-carnitine. It is a natural substance that exists nearby, especially at close range, in the brain and particles. It is very abundant in the human eye and receives the sensitive process of cells. In the transfer base and help transfer. L-carnitine increases the conversion tool of pre-carnitine in the cell. Help the growing body to form renewable ATP. Both carnitine and L-carnitine have the ability to transport fat. Unlike carnitine, L-carnitine can create the brain-brain barrier and provide energy for the brain cell network. At the same time, L-carnitine can also brighten the circulation wall.

#### Application of carnitine:

1. Infant food: can be added to milk powder to improve nutrition. 2. Weight loss products: L-carnitine can help us lose weight. 3. Athlete food: help to improve explosive power, anti-fatigue, and strengthen athletic ability. 4. Nutritional supplements: As we age, the content of L-carnitine in our body becomes less and less, so we should supplement L-carnitine to maintain our health.



#### What is L-Carnitine?

L-carnitine (L-carnitine), also known as L-carnitine, vitamin BT, chemical formula is C<sub>7</sub>H<sub>15</sub>NO<sub>3</sub>, chemical name is (R)-3-carboxy-2-hydroxy-N,N,N-trimethylpropyl ammoniumHydroxide inner salt, the representative drug is levocarnitine [3]. It is a kind of amino acid that promotes the

conversion of fat into energy. The pure product is white crystal or white transparent fine powder[1], very soluble in water, ethanol, methanol, slightly benzene, and chloroform, ethyl acetate. L-carnitine is very easy to absorb moisture, has good water solubility and water absorption, and can withstand high temperatures above 200°C. It has no toxic and side effects on the human body. Red meat is the main source of L-carnitine, which can also be synthesized by the human body to meet physiological needs. Not really a vitamin, but a vitamin-like substance [4]. It has various physiological functions such as fat oxidation and decomposition, weight loss, and anti-fatigue [40], and is widely used as food additives for infants and young children, diet foods, athlete foods, nutritional supplements for middle-aged and elderly people, and nutritional fortifiers for vegetarians[39] and animal feed additives, etc.

### What is the function of L-Carnitine?

1. Reduce body fat and reduce body weight.
2. Reduce serum total cholesterol and triglyceride, increase serum high-density lipoprotein, and prevent heart disease.
3. Help the body burn fat during exercise, and improve energy, endurance and performance during exercise.
4. Promote the metabolism of pyruvate for energy supply and reduce the accumulation of lactic acid in muscle cells.
5. Enhance the ability of cardiomyocytes to oxidize fat and reduce the burden on the heart during high-intensity exercise.
6. Enhance the vitality of the body and relieve fatigue.
7. Improve the immune function and liver function of the human body.

### FAQ:

Q1. What's the MOQ?

A: It is based on the different product. Some are 10g and some are 1 ton. Please be free to consult our salesman.

Q2. What's the shipping time?

A: If in stock, we will ship it out immediately. By FedEx will be 10 days to you.

Q3. If I need less than the MOQ, is it possible.

A: Yes. If less than MOQ, the price will be 5% more than the MOQ. It based on the different product. Please be free to consult our salesman.

Q4. Can you supply the free sample?

A: Usually it is possible. It based on the different product. Please be free to consult our salesman.

Q5. How to store the product?

A: Store in cool and dry place. It must be in well closed containers. The shelf life will be 2 years.

Q6: What's your main payment method?

A: T/T, west union, money gram, order online



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