

■ L-Methionine

Introduction

Product properties: L-Methionine is one of essential amino acids constituting the human body, involved in protein synthesis. Because it can not be generated in the body itself, it must be obtained from outside. A lack of methionine can interfere with protein synthesis in the body, cause bodily injury. Excessive oxidation of membrane lipid caused by free radicals of oxygen in the body is the cause of various damages to the body, lipid peroxides can damage primary and secondary lysosomal membranes, the release of acid phosphatases contained in lysozyme as hydrolysis, damage to important organelles such as cells and mitochondrial membranes, methionine fights these damages in a variety of ways. It is safe to use it in the food, but not appropriate for infants and young children's food.

Functions:

1. L-Methionine is an important nutrient for proper functioning of muscles and the entire cardiovascular system.
2. L-Methionine is an antioxidant that can be found in meat and dairy products.
3. L-Methionine is beneficial for treating liver disease, and is recommended for people who adhere to a vegetarian diet. It also benefits skin tone and elasticity, nails and hair.
4. L-Methionine is important for proper cardiovascular and muscular functions as well, through its role in the product.

Ingredient

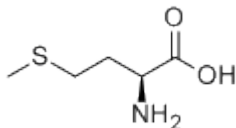
Product Name L-Methionine

CAS 63-68-3

MF C₅H₁₁NO₂S

MW 149.21

MS



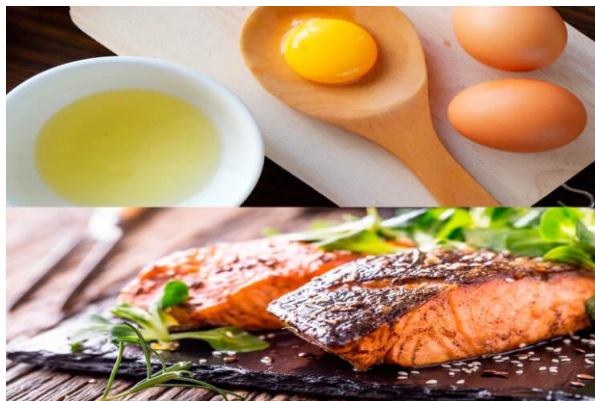
Item and Standard

ITEM	UNIT	STANDARD
Apperance		White crystalline powder,
Assay	%	≥98%–101.5%
Specific rotation [α] _{D20} °		+21.0° – +25.0°
PH		5.6–6.1

Clarify and Color		Clear,colorless
Chloride(Cl)	%	≤0.04%
Arsenic (As ₂ O ₃)	%	≤0.0001%
Lead(Pb)	%	≤0.001%
Loss on Drying	%	≤0.2%
Residue on Ignition	%	≤0.10%
Aerobe bacteria		≤1000cfu/g
Yeast& Mold		≤100cfu/g
E.Coli		Negative

Application

- 1.Applied in food field;
- 2.Applied in pharmaceutical field;
- 3.Applied in feed field;



Packaging

25KG

Storage

Please reading safety data sheet before carrying or using the product.
Cool and dry, keep tightly closed, quality guarantee period is two years.