

DL-Methionine

Introduction

Product properties: Colorless to white, odorless, non-toxic, acicular, crystal or crystalline powder with sweet taste and stable chemical properties. Nitrous acid can convert into L-lactic acid. Soluble in water, slightly soluble in ethanol. It's a nutritional supplement.

Functions: DL-Methionine is one of the physical forms of methionine. DL-Methionine is not the natural form of methionine. 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. Livestock and poultry lack of methionine, can lead to stunted growth, weight loss, liver and kidney function abate, muscle atrophy, fur, metamorphism and so on.

Ingredient

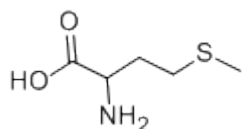
Product Name DL-Methionine

CAS 59-51-8

MF C₅H₁₁NO₂S

MW 149.21

MS



Item and Standard

ITEM	UNIT	STANDARD
Appearance		White crystalline powder
Assay	%	≥98%
PH		5.6–6.1
Chloride	%	≤0.05%
Arsenic(As)	%	≤0.0001%
Lead(Pb)	%	≤0.001%
Loss on Drying	%	≤0.2%
Residue on Ignition	%	≤0.10%
Aerobic Bacteria		≤1000cfu/g
Yeast& Mold		≤100cfu/g
E.Coli		Negative

Application

1. Methionine can be used as nutrient supplement. DL-methionine has the same effect with L-methionine, but DL-methionine is cheaper.
2. Methionine can be formulated as a flavoring agent.
3. Methionine has a protective role of the liver. Methionine has effects of anti-cirrhosis, fatty liver, and a variety of acute, chronic, viral, jaundice liver.
4. Methionine has a myocardial protective effect.
5. Methionine has an antidepressant effect.
6. Methionine has a blood pressure lowering effect.
7. Methionine has an antiviral poison eradicates effect.
8. Methionine is the feed nutrition enhancer.



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.