

■ L-Alanine

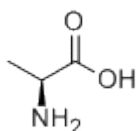
Introduction

Product properties: L-Alanine is white crystalline powder, soluble in water, slightly soluble in ethanol, insoluble in ether. And it is stable, odorless and sweet, used in microbiological & biochemical research.

Functions: L-Alanine can be used in medicine and food additives. It is an important raw material for the synthesis of VB6, nutrients is one of the components of the filling pure amino acids nutrition infusion. L-Alanine as the main component of the amino acid injection - 800, the attending liver, brain, and help patients with hepatic coma wake up quickly, is also a kind of diuresis medicine. L-Alanine can improve the nutritional value of food and improve the sense of taste, can make the sweetness efficiency.

Ingredient

Product Name	L-Alanine
CAS	56-41-7
MF	C3H7NO2
MW	89.09
MS	



Item and Standard

ITEM	UNIT	STANDARD
Assay (C3H7NO2)	%	98.5%-101.0%
PH		5.7-6.7
Specific Optical Rotation		+14.3 ° ~ +15.2 °
Transmittance	%	≥98.0%
Loss on Drying	%	≤0.20%
Residue on Ignition	%	≤0.10%
Chloride (Cl)	%	≤0.02%
Sulfate (SO4)	%	≤0.02%
Heavy Metals(as Pb)	%	≤0.001%
Iron (Fe)	%	≤0.001%
Ammonium (NH4)	%	≤0.02%
Arsenic (as As)	%	≤0.0001%

Application

1. Medicine

(1) L-Alanine is an important raw material for the synthesis of VB6, nutrients is one of the components of the filling pure amino acids nutrition infusion.

(2) L-Alanine as the main component of the amino acid injection - 800, the attending liver, brain, and help patients with hepatic coma wake up quickly, is also a kind of diuresis medicine.

2. Food additives

(1) Can improve the nutritional value of food, in all kinds of food and beverages, such as: bread, water ice point, fruit tea, milk, soda, sorbet, and so on.

(2) As artificial sweeteners to improve the sense of taste, can make the sweetness efficiency.

(3) Biochemical research. Tissue culture. Determination of liver function.

(4) Used as a flavoring agent; also can be used as sour agent, improve the sour taste of organic acid.



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.