

L-Alanine

- **PRODUCT NAME:** L-Alanine
- **CAS :**56-41-7
- **E NUMBER :**635
- **MOLWEIGHT :**89.09
- **MOLFORMULA :**C₃H₇N₀2

DESCRIPTION:

White crystalline granular or powder, odorless, with special sweet taste. Melting point 297°C.

Soluble in water.

SPECIFICATION:

Content 98.5~101.5%

Specific Rotation $[\alpha]_{D20}$ +13.7°~+15.1°

Loss on drying ≤0.20%

Residue on ignition ≤0.15%

Chloride (CL) ≤0.05%

Sulfate (SO₄) ≤0.03%

Iron (Fe) ≤30ppm

Heavy metals (Pb) ≤15ppm

Lead (Pb) ≤0.5ppm

Ph 5.5~7.0

Microbiology Control

Total plate count ≤ 1000cfu/g

Yeasts & Molds ≤ 100cfu/g

Coliforms ≤ 10cfu/g

E. coli/25g Negative

Salmonella/25g Negative

QUALITY STANDARD : AJI97, FCC IV, USP,EP.BP

TYPE : Chemical Synthetic and Fermented Vegan

APPLICATION :

L-Alanine is a kind of amino acid widely used in pharmaceutical, chemical and foodstuff industries.

- 1.Main applications in pharmaceutical aspect: it is important raw material for synthetic VB₆, and important nutrient component in amino acid transfusion.
2. In foodstuff aspect, the product can improve taste of artificial sweetener, perfect tart flavor of organic acid, enhance seasoning effect of chemical seasonings, improve taste of ethanol beverage, and function well in quality improvement and taste perfection for oil product, fermented seasonings and preserved products.

[Packing] : In craft paper sacks or paperboard barrels of 25kg each, or at Buyer's option.

[Transportation] : Handle with care to avoid damage on packaging. Protect from sunlight and rain. The product is non-dangerous, keep it away from poisonous and harmful substances in transit.

[Storage] : Keep in cool and dry place.