

Glycine (Aminoacetic Acid)

[Appearance] White or Almost White Crystalline Powder

[Molecular Formula] C₂H₅NO₂

[Molecular Weight] 75.07

[Melting Point] 248°C(Decomposition)

[Solubility] Approx.25g/100ml water at 25°C

[Part size distribution] 20-40mesh, 30- 80mesh, 40-80 mesh ,80-100mesh

[Production] Glycine is Synthesized from petrochemical raw materials using an environmentally by the additives business of industries, known as the MCA ammoniated active carbon refinery process. This proven complex, system results in high quality product without the formation of waste salt, while largely avoiding pollution by waste air and water.

[Quality Standard] Technical Grade, Feed Grade, Food Grade , Cosmetic Grade and Pharmaceutical Grade

FCCIV, USP36,E640, Japan's Specifications and Standards for Food Additives(8th-Ed.)

[Specific Values]

Assay(%)min	98.5~101.5
PH value (5g/100mL in water)	5.5-7.0
Loss on drying,% max≤	0.2
Chloride(as Cl),% max≤	0.007
Heavy metals (as Pb),%	0.001

[Application]

Technical Grade:

it is use for producing the glyphosate and metal polishing.

Feed grade:

It mainly used to the producing the trace mineral chelated like Zinc, Cu, Mn, Fe Of glycinate.

Food grade:

As a kind of amino acid, it can be used as a flavoring, sweetener and nutritional supplement. applied in alcoholic beverage, animal and plant food processing; for the making of salted vegetables and sweet jams; and as an additive for the making of salted sauce, vinegar and fruit juice, in order to improve the flavor and the taste of food and increase the nutrition of food. as a preservative for fish flakes and peanut jams and stabilizer for cream, cheese etc. as a buffering agent for the taste of edible salt and vinegar. mainly used as a feed additive to increase the amino acid for the poultry and the domestic animals especially for pets.

Pharma grade:

It's mainly used in cosmetic and Pharma Health Products including Medicine and injection solution as nutritional supplement. It can be used as a supplemental medicine to treat myasthenia progressive and pseudo hypertrophic muscular dystrophy; It is used as acid-making agent to treat neural hyperacidity and gastric ulcer hyperacidity.

[Package]

1. In Multi-ply Paper Bag with pallets and plastic film wrapped.
2. In Paperboard Drum with pallets and plastic film wrapped.
3. In Carton with pallets and plastic film wrapped.
4. Net weight of 25kgs/Bag (Carton/Drum)
5. 20-23ton per 20ft container without pallet. 20/22.5ton per 20ft container with pallet.

[Storage]

Glycine should be kept cool and dry in unopened original packing. Storage and conditions of 5-30°C and 20-75% rel. humidity are recommended. Under these conditions its active content is guaranteed of 2years form the manufacturing date. The manufacturing date is part of the lot number on the package label. Sealed storage, in a cool ventilated dry place. Protect them from sunshine and rain. Handle with care in order to avoid damaging the package.

[Transportation]

Anti-sun and rain, can't be transported together with poisonous and harmful goods. As per the stipulate of the general chemicals to storage and transport.

[Regulatory affairs]

CAS NO.:56-40-6

Customs tariff number: 2922491990

Glycine is approved for use in all food species according to FDA law and labeled accordingly.

Glycine is not subject to dangerous goods regulations.

[Safety and environment]

According to International chemicals legislation, it is non toxic, and, if correctly handled, It does not irritate the skin and mucous membranes. Accordingly, it is not classified as a hazardous chemical. The usual regulations of safety and hygiene for handling of chemical should be followed.

[CERTIFICATE]

ISO9001,

ISO22000

KOSHER

HALAL

FAMI-QS

[Statement]

TSE/BSE

Non-GMO

Melamine Free

Gluten and Allergen Free

Anti-Doping