

99% Purity Feed Grade Glycine Powder CAS 56-40-6

Our Product Introduction

for more products please visit us on intermediateschemicals.com

Basic Information

- Place of Origin: China
- Brand Name: KHD
- Model Number: 56-40-6
- Minimum Order Quantity: 1kg
- Price: Please consult customer service
- Packaging Details: 1kg/bag, 25kg/drum
- Delivery Time: 2-5 days
- Payment Terms: T/T, Western Union, Bitcoin
- Supply Ability: 10000kg/Day



Product Specification

- Appearance: Powder
- CAS: 56-40-6
- Color: White Powder
- Brand Name: Kaihuida
- Purity: $\geq 99\%$
- Specifications: 1kg/bag, 25kg/Drum
- Highlight: **99% Purity Glycine Powder, Feed Grade Glycine Powder, CAS 56-40-6 Food Additives Raw Material**

Product Description**99% Purity Feed Grade Glycine CAS 56-40-6****Product Details**

Glycine (abbreviated Gly) is also known as aminoacetic acid. Its chemical formula is $C_2H_5NO_2$. It is a white solid under normal temperature and pressure. It is the simplest amino acid in the amino acid series and is not necessary for the human body. Functional groups, ionizable in water, have strong hydrophilicity but belong to non-polar amino acids, soluble in polar solvents but insoluble in non-polar solvents, and have higher boiling point.

1. Used as a biochemical reagent, used in medicine, feed, and food additives, and used as a non-toxic decarburizer in the nitrogen fertilizer industry.
2. Used in the pharmaceutical industry, biochemical experiments, and organic synthesis.
3. Glycine is mainly used as a nutritional additive for chicken feed.
4. Glycine, also known as aminoacetic acid, is used in the production of pesticides to synthesize the intermediate glycine ethyl ester hydrochloride of pyrethroid insecticides and can also be used to synthesize the fungicide iprodione and the herbicide solid glyphosate; in addition, it is also used in chemical fertilizers, medicine, food additives, condiments, and other industries.

1. Nutritional supplements. It is mainly used for seasoning and other aspects.

Seasoning It is used with alanine for alcoholic beverages, the additional amount: 0.4% for wine, 0.2% for whiskey, 1.0% for champagne. Others, such as powder soup, add about 2%; distiller's lees marinated food 1%. Because it can taste like shrimp and cuttlefish to a certain extent, it can be used in sauces.

It has a certain inhibitory effect on the reproduction of *Bacillus subtilis* and *Escherichia coli*. Therefore, it can be used as a preservative for surimi products, peanut butter, etc., and the additional amount is 1%~2%.

Buffering effect Because glycine is a zwitterion with amino and carboxyl groups, it has strong buffering properties. It can buffer the taste of salt and vinegar. The additional amount is 0.3%~0.7% for salted products and 0.05%~0.5% for pickled products.

Antioxidant effect (using its metal chelating effect): Adding it to butter, cheese, and margarine can extend the shelf life by 3~4 times. In order to stabilize lard in baked goods, 2.5% glucose and 0.5% glycine can be added. Add 0.1%~0.5% to the wheat flour used for instant noodles, and it can also play a seasoning role. In medicine, it is used as an antacid (hyperacidity), a therapeutic agent for muscular dystrophy, and an antidote. It is also a raw material for the synthesis of amino acids such as threonine.

2. Feed grade

It is mainly used as an additive and attractant for adding amino acids to feed for poultry, livestock, and poultry, especially pets. Used as an additive for hydrolyzed protein as a synergist for hydrolyzed protein.

3. Industry

Used as a pesticide intermediate, such as the main raw material of the herbicide glyphosate, an additive to electroplating solution, a PH regulator, etc.

Item	Specifications	Results
Description	White crystalline powder	White crystalline powder
Assay ($C_2H_5NO_2$),% min	98.5	98.8
Ph value (5% in water)	5.5~7.0	6.12
Loss on drying,% max	0.30	0.21
Residue on ignition,% max	0.10	0.04
Chloride (as Cl),% max	0.4	0.27
Iron (as Fe),% max	0.003	<0.001
Clarification test	Clear	Clear

Hot-sale Products

Contact: Mrs. Ella

Sales Manager

Jiangsu Kaihuida New Material Technology Co., Ltd

E-mail: ella@jskaihuida.com

Company Profile

Jiangsu Kaihuida New Material Technology CO.,Ltd has established mor than 12 years.

We guarantee that 100% of the packages you order pass the customs of the United States, Mexico, Canada, the 27 EU countries, the United Kingdom, Australia, and Southeast Asian countries. We have a strong customs clearance agency in these countries, and our customs clearance company will clear your parcel without any customs issues On-site service DDP service. In order to ensure 100% receipt of your package, if there is any customs issue, we promise to reissue it again free of charge. Let you experience our strong transportation and customs clearance capabilities.

We guarantee that 100% of the packages you order pass the customs of the United States, Mexico, Canada, the 27 EU countries, the United Kingdom, Australia, and Southeast Asian countries. We have a strong customs clearance agency in these countries, and our customs clearance company will clear your parcel without any customs issues, sometimes even 1000 kg. On-site service DDP service. In order to ensure 100% receipt of your package, if there is any customs issue, we promise to reissue it again free of charge. Let you experience our strong transportation and customs clearance capabilities.





Packing And Delivery

Packing



Liquid, Iron Drum or Plastic Drum



Express



Payment



FAQ

Q1. Can I have a sample order for your products?

A: Yes, we welcome sample order to test and check quality. Mixed samples are acceptable.

Q2. What about the lead time?

A: Sample needs 3-5 days, mass production time needs 1-2 weeks for order quantity more than.

Q3. Do you have any MOQ limit for order?

A: Low MOQ, 10-100g for sample checking is available.

Q4. How do you ship the goods and how long does it take to arrive?

A: We usually ship by DHL, UPS, FedEx or TNT. It usually takes 3-5 days to arrive. Airline and sea shipping also optional.

Q5. How to proceed an order for your products?

A: Firstly let us know your requirements or application.

Secondly We quote according to your requirements or our suggestions.

Thirdly customer confirms the samples and places deposit for normal order.

Fourthly We arrange the production.

Q6. Is it OK to print my logo on package?

A: Yes. Please inform us before our production and confirm the design firstly based on our sample.

Q7: Are you trading company or manufacturer?

A: We are chemical factory in China. So we can provide wholesale price.



Jiangsu Kaihuida New Material Technology Co., Ltd.



+8618952196037



ella@jskaihuida.com



intermediateschemicals.com

2213,Hengmao Buiding,Xuzhou City,Jiangsu Province,China