





SHENYANG VIADD CHEMICAL CO.,LTD.

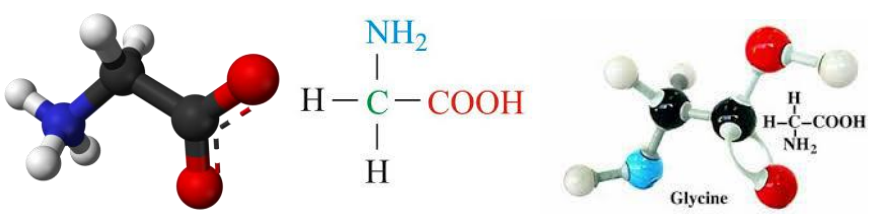
Product: Glycine (Pharma Grade)

SPECIFICATION DATA SHEET


About Pharma Grade GLYCINE

1. Glycine Basic Information

Product Name	GLYCINE (Pharma Grade)
General Idea of Glycine	Glycine occurs colorless, white crystalline, sweet taste, water-soluble solid powder with a free flowing. It is one of the 20 amino acids and the simplest one. Here Viadd Chemical Company glycine manufactured by chemical synthesis from formaldehyde or monochloroacetic acid and ammonia. Distinguished with food, pharma, feed and industrial grade between 20-80 mesh normally. Especially used as additives such as sweetener in food industry, additives as animal nutritional enhancer in pet food and animal feed industry, also in cosmetic, pharmaceutical and other industries.
Glycine Photos	
Synonym	Aminoacetic acid, Aminoethanoic acid, Glycocoll, Acide Aminoacétique, Acide Amino-Acétique, Athenon, Free Base Glycine, G Salt, Glicina, Glycocoll, Glycosthene, Iconyl, L-Glycine, Glycinede Base Libre, Monazol.
Application	Pharma grade glycine used as pharmaceutical intermediate.
CAS	56-40-6
HS Code	2922491990(China)
Molecular Formulas	C2H5NO2
Molecular Weight	75.07
EINECS	200-272-2
Specification	Pharma Grade Glycine (USP36, USP38);
Glycine Mesh	20-80mesh (normal mesh), 30-80mesh, 40-80mesh, 80-100mesh, 100-200mesh
Special Offer	We can add 0.5% anti-caking agent if you need
Glycine Brand(VIADD)	
Original	China
Supplier	Shenyang Viadd Chemical Co., Ltd (www.viaddchem.com)

Glycine Structure	
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2. Glycine usage and commercial information

Chemical Properties	White crystalline powder, sweet taste
Pharma Grade Glycine	<p>(1) Used in the research on the metabolism of amino acids by medical organisms or on a biochemical basis;</p> <p>(2) Used as a buffer for aurcomycin, as a raw material for making L-dopa for treating Parkinson disease, Vitamin B6, and other amino acids as Threonine;</p> <p>(3) Mainly used in Amino Acid injection solution as nutritional infusion;</p> <p>(4) Used as the raw material for cephslosporins, the intermediate for Thiamphenico</p> <p>(5) Used as the raw material for cosmetic.</p> 
Delivery	Normally within 15 days of the prepayment
Payment	T/T, D/P, L/C
Certificates	ISO9001, ISO22000, FSSC22000, KOSHER, HALAL, FAMI-QS, REACH, SGS, GMP
Documents	Packing List, Commercial Invoice, Bill of lading, Insurance, FORM A, FORM E, Healthy certificates, COA, etc
Statement	Malamine Free, Non-GMO, TSE/BSE, Gluten and allergen free, Anti-Doping
Glycine Packing	<p>25kg Kraft bag with pallet-----20t/20'FCL</p> <p>25kg Kraft bag without pallet----22t/20'FCL</p> <p>20kg Carton Box-----18t/20'FCL</p> <p>25kg Drum-----12t/20'FCL</p> <p>750kg big bag-----15t/20'FCL</p> <p>900kg big bag-----18t/20'FCL</p> <p>1000kg big bag-----20t/20'FCL</p> <p>We can supply products with or without pallet, the normally packing is 25kg/bag with pallet for 20tons/20'FCL.</p>

Glycine Photos	
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Our service for you

1. Glycine is the legal CIQ (Chinese Inspection and Quarantine) bureau inspected product, it will take us around 7days for the CIQ process before China Export Custom process, which is necessary for the product export;
2. Normally we loaded container in the glycine factory to protect the clearness and integrity;
3. We do CIF terms mostly for your easy freight process.
4. We will chase the whole process after the order signed, including the production plan, products mark confirmation, consignee and notify party confirmation, products packing, CIQ inspection result, quality reconfirmation, documents collection, products container loading photos, shipping advice, FORM A/E healthy certificate complete situation, payment acceptance situation, until you received the goods well.
5. Any quality problems or any other issues with the products, you can freely contacted us at any time, we will resolve the problem with you together;
6. We will share the product newest price, factory, raw material, technical change and quality information with you for your better business development in your market or well used by your company;
7. Contact email: sales@viaddchem.com



3. Glycine safety information

Risk Statements	33
Safety Statements	22-24/25
WGK Germany	2
RTECS	MB7600000
HS Code	29224910
Hazardous Data	56-40-6(Hazardous Substances Data)

4. Glycine Chemical Properties

MP	240 °C (dec.)(lit.)
BP	233°C
Density	1.595
FEMA	3287
Storage Temperature	2-8°C
Solubility	H ₂ O:100 mg/ml

Appearance	White crystal Powder
Color	<5 (200 mg/mL)(APHA)
Water Solubility	25 g/100 mL (25 °C)
Merck	14,4491
BRN	635782
Stability	Stable. Combustible. Incompatible with strong oxidizing agents.
NIST Chemistry	Glycine(56-40-6)


5. COA (Viadd Chemical Glycine Certificate of Analysis)

Pharma Grade Glycine COA (The standard of USP36)

Product Name: Glycine	Quantity:20000KGS	Batch No:VA20171107001
Producing date: 2017.11.07	Date of Analysis: 2017.11.07	Expiry date: 2019.11.06
Reference standard: USP36		
Items	Specifications	Results
Appearance	White crystals or crystalline powder	Conform
Identification	Infrared Absorption	Complies
Assay(C ₂ H ₅ NO ₂), %	98.5~101.5	99.5
Heavy metals (as Pb),%	≤0.002	<0.001
Loss on drying,%	≤0.20	0.08
Residue on ignition,%	≤0.1	0.04
Chloride(as Cl),%	≤0.007	<0.007
Sulphate(as SO ₄),%	≤0.0065	<0.0065
Hydrolyzable substances	Complies	Complies
Organic volatile substances	Meets the requirements	Meets the requirements
Conclusion: This product conforms to requirements of USP36standard.		

6. Company Information

Glycine Mark of Viadd
Chemical Company



GLYCINE

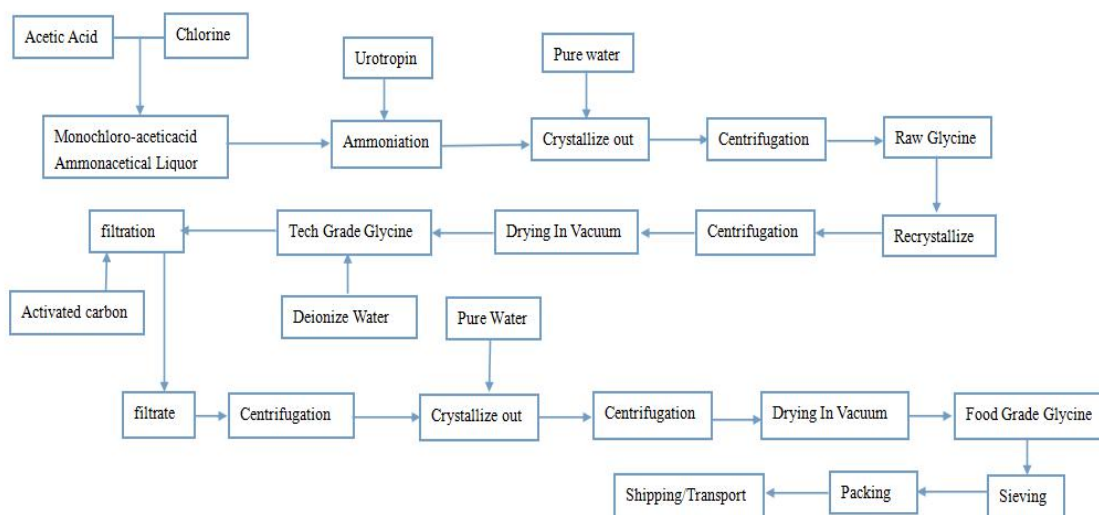
Product: Glycine
FCC/USP
Package: Bag
N.W.: 25KGS
G.W.: 25.2KGS
Batch No.: VA17011026
Maf.Date: 2017.10.26
Exp.Date: 2019.10.25
Made in China

Product Information
GLYCINE
Assay: 98.5%-101.5%
Molecular Formula: C₂H₅NO₂
Molecular Weight: 75.07
Physical-chemistry Property: White crystal powder, sweet taste, easy to be dissolved in water, slightly dissolved in methanol and ethanol, but not dissolved in acetone and ether.
Shelf Life: Two Years
Slightly loading and unloading to avoid package damage.
Do not expose it to the sun or rain.
Do not transport with toxic or harmful substances.
Storage: In the cool, dry, ventilated area.

Note of the Mark

1. Normally the mark will be stick on the bag with your required mark content;
2. We also can print your mark on the bag.

Glycine Production Flow
Chart



Company View



Viadd Chemical Company
Proudcts

We are focus on food and feed additives, nutritional supplements, fertilizers and phosphate products!

Viadd Website

www.viaddchem.com

Contact

sales@viaddchem.com

Welcome your inquiry of pharma grade glycine!