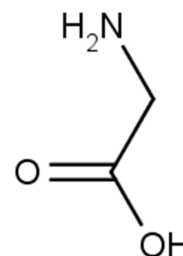




## Glycine, ultra pure

**Catalog No:** 04943  
**Lot No:** XXXXX  
**Cas No:** 56-40-6  
**Formula:** C<sub>2</sub>H<sub>5</sub>NO<sub>2</sub>  
**MW:** 75.07  
**Supplied as:** solid  
**Stability:** stable at room temperature



### Background

Glycine (abbreviated as Gly or G) is the smallest of the 20 amino acids commonly found in proteins, having a hydrogen substituent as its side-chain. Its codons are GGU, GGC, GGA, GGG of the genetic code. Glycine is often used as a counterion in SDS-PAGE and in buffers for western blotting.

### Tests

<b>Appearance:</b>	white crystalline powder
<b>Assay (titr.):</b>	≥99.0%
<b>pH (5% solution):</b>	5.9 – 6.4
<b>Loss on drying (110°C):</b>	≤0.05%
<b>Solubility (Water, 25°C)</b>	225 g/l
<b>Other amino acids:</b>	≤0.1%
<b>Ammonium:</b>	≤0.02%
<b>Chloride:</b>	≤0.005%
<b>Sulfate:</b>	≤0.005%
<b>As:</b>	≤0.0001%
<b>Fe:</b>	≤0.0005%
<b>Pb:</b>	≤0.0005%

### Specifications

### Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.