

## Product Datasheet

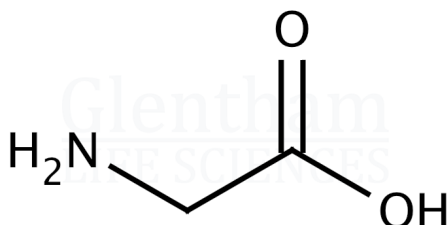
### GM1110 - Glycine, 99%, ACS grade

#### Product Details

Product Name	Glycine, 99%, ACS grade
Glenthams Code	GM1110
CAS Number	56-40-6
EINECS	200-272-2
MDL Number	MFCD00008131
Related Categories	Amino Acids, Biochemicals, Buffers, Analytical Reagents

#### Structure

Molecular Weight	: 75.07
Molecular Formula	: C <sub>2</sub> H <sub>5</sub> NO <sub>2</sub>



Identification	: To pass test
Melting Point	: 232 - 236 °C
Chloride (Cl)	: ≤ 0.005%
Sulphate (SO <sub>4</sub> )	: ≤ 0.005%
Ammonium (NH <sub>4</sub> )	: ≤ 0.005%
Heavy Metals (as Pb)	: ≤ 20ppm
Hydrolysable Substances	: To pass test
Substances Darkened by H <sub>2</sub> SO <sub>4</sub>	: To pass test
Residue on Ignition	: ≤ 0.1%
Assay	: ≥ 98.5%
Grade	: ACS
Version	: v1.0

#### About Glycine, 99%, ACS grade

Glycine is an inhibitory neurotransmitter in the central nervous system, especially in the spinal cord, brainstem, and retina and is a required co-agonist along with glutamate for NMDA receptors.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glenthams Product Specification

Physical Description	: White or almost white crystalline powder or crystals
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