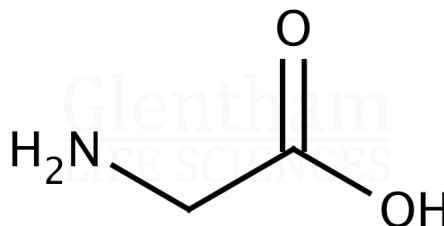


## Product Specification

Product Name	Glycine, EP, USP grade
Glentham Code	GM2320
CAS Number	56-40-6
EINECS	200-272-2
MDL Number	MFCD00008131
PubChem SID	310274276
Molecular Weight	75.07
Molecular Formula	C <sub>2</sub> H <sub>5</sub> NO <sub>2</sub>
Storage Temp.	+20°C



Property	Specification
Physical Description	White crystalline powder
Identification	IR
Solubility (10% in water)	Clear, colourless solution
pH (5% in water)	5.9 - 6.4
Heavy Metals (as Pb)	≤ 10ppm
Chloride (Cl)	≤ 0.007%
Sulphate (SO <sub>4</sub> )	≤ 0.0065%
Lead (Pb)	≤ 3ppm
Arsenic (As)	≤ 1ppm
Mercury (Hg)	≤ 0.1ppm
Cadmium (Cd)	≤ 1ppm
Residue on Ignition	≤ 0.1%
Loss on Drying	≤ 0.2%
Hydrolysable Substances	To pass test
Organic Volatile Impurities	To pass test
Ninhydrin-positive substances	To pass test
Assay (Titration)	98.5 - 101.5 % (dried basis)
Pharmacopoeia Specification(s)	EP, USP

Specification Version	-	v1.1
Date Created	-	2015-06-15

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024