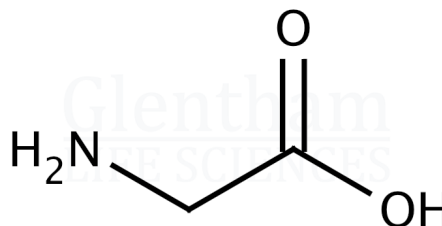


Product Specification

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	$C_2H_5NO_2$
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 ₄)	≤ 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 or contact us using the details above for the current version of this document.

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