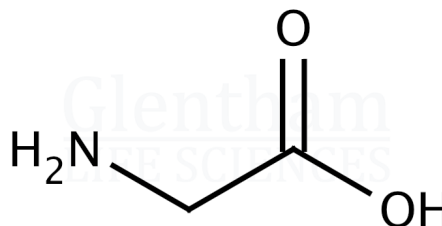


Certificate of Analysis

Product Name	Glycine, EP, USP grade
Glentham Code	GM2320
CAS Number	56-40-6
EINECS	200-272-2
MDL Number	MFCD00008131
PubChem SID	310274276
Batch Number	340YPB
Molecular Weight	75.07
Molecular Formula	C ₂ H ₅ NO ₂
Storage Temp.	+20°C



Property	Specification	Batch 340YPB
Physical Description	White crystalline powder	White crystalline powder
Identification	IR	Conforms
Solubility (10% in water)	Clear, colourless solution	Clear, colourless solution
pH (5% in water)	5.9 - 6.4	6.1
Heavy Metals (as Pb)	≤ 10ppm	< 10ppm
Chloride (Cl)	≤ 0.007%	< 0.007%
Sulphate (SO ₄)	≤ 0.0065%	< 0.0065%
Lead (Pb)	≤ 3ppm	Conforms
Arsenic (As)	≤ 1ppm	Conforms
Mercury (Hg)	≤ 0.1ppm	Conforms
Cadmium (Cd)	≤ 1ppm	Conforms
Residue on Ignition	≤ 0.1%	< 0.1%
Loss on Drying	≤ 0.2%	0.1%
Hydrolysable Substances	To pass test	Conforms
Organic Volatile Impurities	To pass test	Conforms
Ninhydrin-positive substances	To pass test	Conforms
Assay (Titration)	98.5 - 101.5 % (dried basis)	99.5%
Pharmacopoeia Specification(s)	EP, USP	Conforms

Specification Version	v1.1
Manufacture Date	2023-07-19
Re-Test Date	2028-10-04

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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