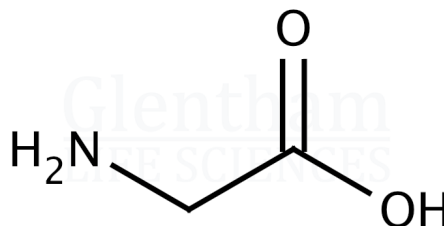


Certificate of Analysis

Product Name	Glycine, EP, USP grade
Glenthams Code	GM2320
CAS Number	56-40-6
EINECS	200-272-2
MDL Number	MFCD00008131
PubChem SID	310274276
Batch Number	730ETL
Molecular Weight	75.07
Molecular Formula	C ₂ H ₅ NO ₂
Storage Temp.	+20°C



Property	Specification	Batch 730ETL
Physical Description	White crystalline powder	White crystalline powder
Identification (IR)	To conform to standard	Conforms
Solubility (10% in water)	Clear, colourless solution	Clear, colourless solution
pH (5% in water)	5.9 - 6.4	6.2
Chloride (Cl)	≤ 0.007%	Conforms
Sulphate (SO ₄)	≤ 0.0065%	≤ 0.006%
Ammonium (NH ₄)	≤ 0.02%	≤ 0.01%
Heavy Metals (as Pb)	≤ 10ppm	Conforms
Lead (Pb)	≤ 5ppm	Conforms
Arsenic (As)	≤ 1ppm	Conforms
Residue on Ignition	≤ 0.1%	0.05%
Loss on Drying	≤ 0.2%	0.16%
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)	99.4%
Pharmacopoeia Specification(s)	EP, USP	Conforms

Specification Version	v1.2
Manufacture Date	2024-06-04
Re-Test Date	2029-07-11

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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