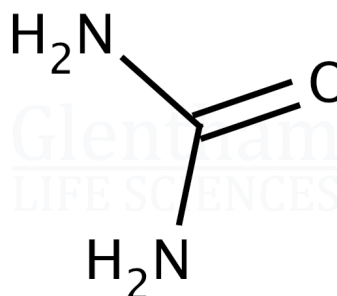


Product Specification

Product Name	Urea, EP, USP grade
Glentham Code	GE9679
CAS Number	57-13-6
EINECS	200-315-5
MDL Number	MFCD00008022
Molecular Weight	60.06
Molecular Formula	NH_2CONH_2
Storage Temp.	+20°C



Property	Specification
Physical Description	White to almost white crystalline powder or crystals, slightly hygroscopic
Identification	A, B, according to Ph. Eur.
Identification	A, B according to USP
Solubility (5% in water)	Clear, colourless solution
Alkalinity	To pass Ph. Eur. test
Protein Content (Biuret Test)	≤ 0.1%
Ammonium	≤ 500ppm
Loss on Drying	≤ 1.0% (105°C, 1h)
Residue on Ignition	≤ 0.1%
Organic Impurities	≤ 0.1%
Alcohol Insoluble Matter	To pass USP test
Assay (HPLC)	98.0 - 102.0 %
Assay (Titration)	98.5 - 101.5 %
Pharmacopoeia Specification(s)	Ph. Eur, USP

Specification Version	-	v1.0
Date Created	-	2025-03-21

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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