

## Product Datasheet

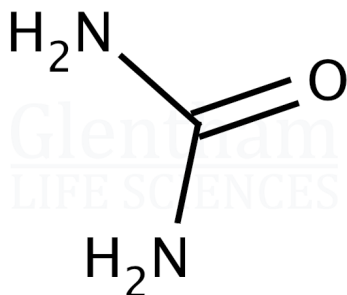
### GE9679 - Urea, EP, USP grade

#### Product Details

Product Name	Urea, EP, USP grade
Glentham Code	GE9679
CAS Number	57-13-6
EINECS	200-315-5
MDL Number	MFCD00008022
Related Categories	Biochemicals, Raw Materials (IVD)

#### Structure

Molecular Weight	: 60.06
Molecular Formula	: $\text{NH}_2\text{CONH}_2$



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)	: $\leq 0.1\%$
Ammonium	: $\leq 500\text{ppm}$
Loss on Drying	: $\leq 1.0\%$ (105°C, 1h)
Residue on Ignition	: $\leq 0.1\%$
Organic Impurities	: $\leq 0.1\%$
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
Version	: v1.0

#### About Urea, EP, USP grade

No further details on record.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glentham Product Specification

Physical Description	: White to almost white crystalline powder or crystals, slightly hygroscopic
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