

## Product Datasheet

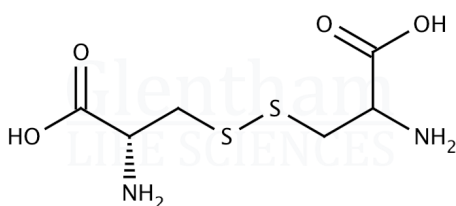
### GM4173 - L-Cystine

#### Product Details

Product Name	L-Cystine
Glenthams Code	GM4173
CAS Number	56-89-3
EINECS	200-296-3
MDL Number	MFCD00064228
PubChem SID	310270762
Related Categories	Amino Acids, Biochemicals, Reagents for Cell Culture

#### Structure

Molecular Weight	: 240.30
Molecular Formula	: C <sub>6</sub> H <sub>12</sub> N <sub>2</sub> O <sub>4</sub> S <sub>2</sub>



#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

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

#### Glenthams Product Specification

Physical Description	: White crystalline powder
Solubility (5% in 1M HCl)	: Clear, colourless solution
Chloride (Cl)	: ≤ 0.02%
Ammonium (NH <sub>4</sub> )	: ≤ 0.02%
Sulphate (SO <sub>4</sub> )	: ≤ 0.02%
Iron (Fe)	: ≤ 10ppm
Lead (Pb)	: ≤ 3ppm
Arsenic (As)	: ≤ 1ppm
Mercury (Hg)	: ≤ 0.1ppm
Cadmium (Cd)	: ≤ 1ppm
Residue on Ignition	: ≤ 0.1%
Other Amino Acids	: Not detected
Loss on Drying	: ≤ 0.2%
Assay	: 98.5 - 101.0 %
Version	: v1.1

#### About L-Cystine

No further details on record.

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