

## Product Datasheet

### GM2911 - L-Cystine, non-animal

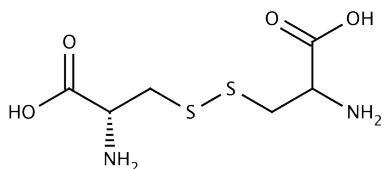
#### origin

#### Product Details

Product Name : L-Cystine, non-animal origin  
Glentham Code : GM2911  
CAS Number : 56-89-3  
EINECS : 200-296-3  
MDL Number : MFCD00064228  
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.

#### Glentham Product Specification

Physical Description : White or almost white crystalline powder

Identification : To conform to standard  
Solubility (5% in 2M HCl) : Clear, colourless solution  
Specific Optical Rotation ([α]<sub>20</sub>/D) : -225.0 - -215.0 °  
Chloride (Cl) : ≤ 0.02%  
Ammonium (NH<sub>4</sub>) : ≤ 0.02%  
Sulphate (SO<sub>4</sub>) : ≤ 0.02%  
Arsenic (As) : ≤ 1ppm  
Heavy Metals : ≤ 10ppm  
Iron (Fe) : ≤ 20ppm  
Residue on Ignition : ≤ 0.1%  
Loss on Drying : ≤ 1.0%  
Assay : 98.5 - 101.5 % (dried substance)  
Origin : non-animal  
Version : v1.0

#### About L-Cystine, non-animal origin

No further details on record.

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