

Product Datasheet

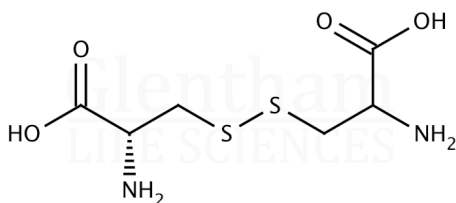
GM2911 - L-Cystine, non-animal origin

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	: $C_6H_{12}N_2O_4S_2$



Physical Description	: White or almost white crystalline powder
Identification	: To conform to standard
Solubility (5% in 2M HCl)	: Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	: -225.0 - -215 ° (c=2, 1M HCl)
Chloride (Cl)	: ≤ 0.02%
Ammonium (NH ₄)	: ≤ 0.02%
Sulphate (SO ₄)	: ≤ 0.02%
Arsenic (As)	: ≤ 1ppm
Heavy Metals	: ≤ 10ppm
Iron (Fe)	: ≤ 20ppm
Any Individual Impurity	: ≤ 0.2%
Total Impurities	: ≤ 2.0%
Residue on Ignition	: ≤ 0.1%
Loss on Drying	: ≤ 1.0%
Assay	: 98.5 - 101.5 % (dried basis)
Origin	: non-animal
Pharmacopoeia Specification(s)	: USP
Version	: v1.1

About L-Cystine, non-animal origin

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

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024