

Product Datasheet

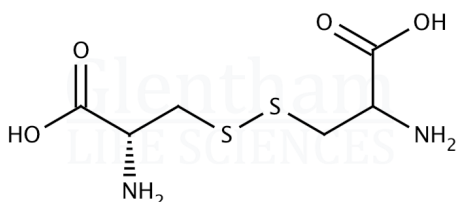
GM3190 - L-Cystine, non-animal origin, Ph. Eur. grade

Product Details

Product Name	L-Cystine, non-animal origin, Ph. Eur. grade
Glenthams Code	GM3190
CAS Number	56-89-3
EINECS	200-296-3
MDL-Nummer	MFCD00064228

Structure

Molecular Weight	: 240.30
Molecular Formula	: $C_6H_{12}N_2O_4S_2$



Identification	: To pass tests A, B
Appearance of Solution	: Clear, colourless solution
Specific Optical Rotation ([α] _{20/D})	: -224 - -218 ° (c=2, 1M HCl, dried substance)
Ammonium	: ≤ 200ppm
Chloride	: ≤ 200ppm
Sulphate	: ≤ 300ppm
Residue on Ignition	: ≤ 0.1%
Arsenic	: ≤ 1ppm
Lead	: ≤ 5ppm
Iron	: ≤ 10ppm
Heavy Metals	: ≤ 10ppm
Loss on Drying	: ≤ 0.2%
Ninhydrin-positive substances	: ≤ 0.2% (for each impurity)
Ninhydrin-positive substances	: ≤ 0.5% (total)
Assay (Titration)	: 98.5 - 101.0 % (dried substance)
Pharmacopoeia Specification(s)	: Ph. Eur.
Version	: v1.0

About L-Cystine, non-animal origin, Ph. Eur. 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.

Glenthams Product Specification

Physical Description : White or almost white crystalline powder

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2025