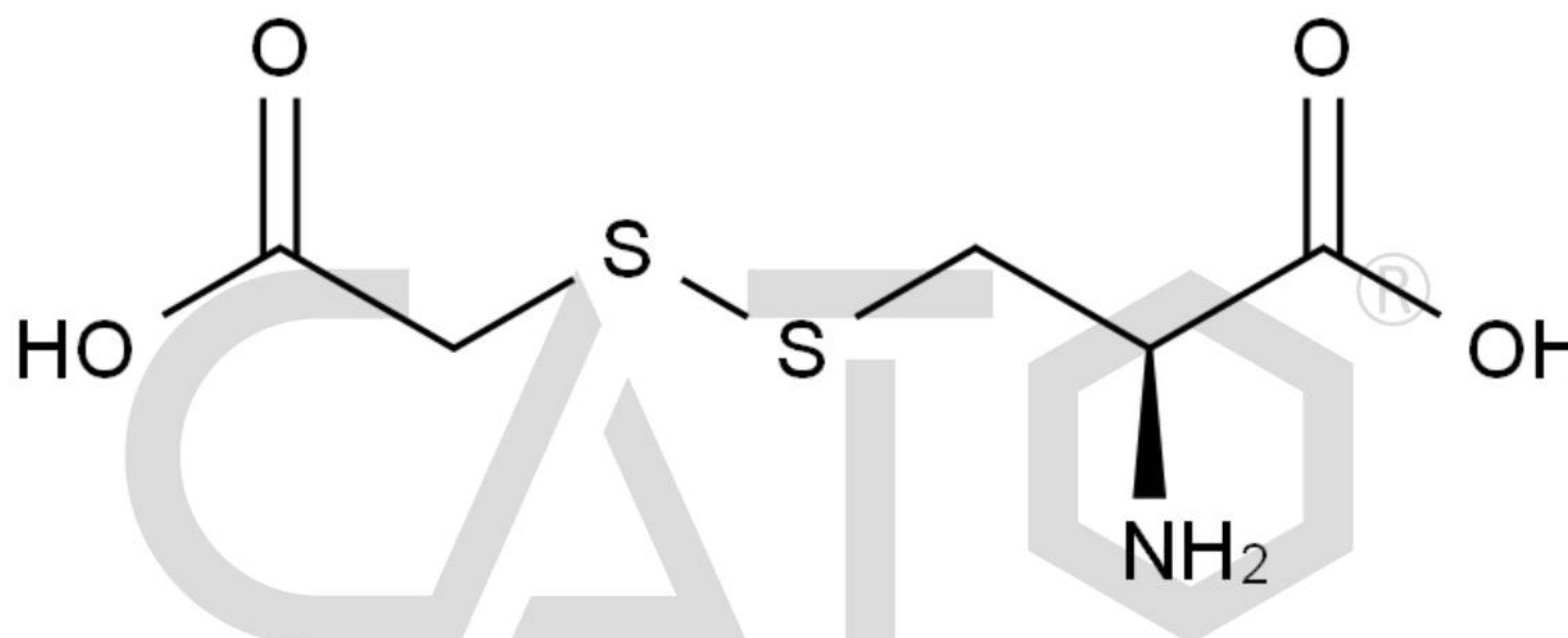


Certificate of Analysis

Reference Material & Standard

Product Name:	Carbocysteine Impurity 17	Catalogue Number:	C4X-201017
Synonyms:	N/A	Lot Number:	0715-RH-0092
CAS Number:	15253-37-9	Expiry Date:	Jul 12, 2030
Molecular Formula:	C ₅ H ₉ NO ₄ S ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	211.26	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.1685%
Loss on Drying	TGA	1.304%
Assay		97.9%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Jul 17, 2026

Date: Jul 17, 2026

Date: Jul 17, 2026



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Page 1 of 6



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