



CERTIFICATE OF ANALYSIS

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1. Identification

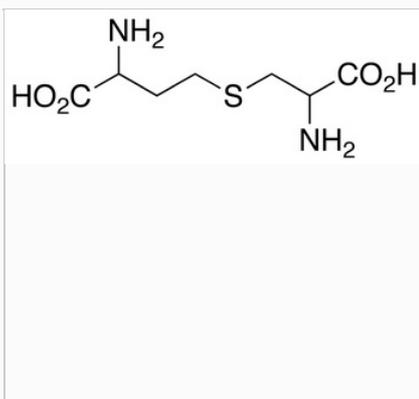
Catalogue Number: C989495

CAS Number: 535-34-2

Product: D,L-Cystathionine

Synonym: S-(2-Amino-2-carboxyethyl)homocysteine;
DL-Allocystathionine; NSC 118379

Structure:



Molecular Formula:

C₇H₁₄N₂O₄S

Molecular weight:

222.3

Source of Product:

N/A

Solubility:

Not soluble in Methanol, 1.3
mg/mL in Aqueous Acid, 1.6
mg/mL in Aqueous Base (h)

Lot Number: 711649746-4-1

Purity: 97%

Shipping Condition: This Product Is Stable To Be
Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Elemental Analysis	Conforms	%C: 37.14, %H: 6.37, %N: 12.54
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	97.38% (ELSD)
MS	Conforms to Structure	Conforms
Appearance	White to Off-White Solid	White Solid

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Christina Gouliaras	8/25/2022	8/23/2026