



## 1. Identification

**Catalogue Number**

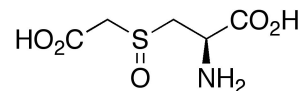
C178780

**Lot Number**

7-FRU-79-2

**Product Name**

Carbocysteine Sulfoxide(Mixture of diastereomers)

**Synonyms**3-[(Carboxymethyl)sulfinyl]-L-alanine; Carboxymethyl-L-cysteine Sulfoxide;  
NSC 15388; S-Carboxymethyl-L-cysteine Sulfoxide;**Structure****CAS Number**

5439-87-2

**Solubility**Aqueous Acid (Slightly), Water  
(Slightly)**Shipping Condition**This Product Is Stable To Be Shipped At Room  
Temperature**Molecular Formula**C<sub>5</sub>H<sub>9</sub>NO<sub>5</sub>S**Source of Product**

Synthetic

**Long Term Storage Conditions**

4°C

**Molecular Weight**

195.19

**Purity**

96%

## 2. Warnings

Not Determined

## 3. Analytical Information

**Tests**

Appearance

**Specifications**

White to Off-White Solid

**Results**

White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 30.75, %H: 4.52, %N: 7.26

HPLC Purity

Report Result

95.94% (ELSD)

MS

Conforms to Structure

Conforms

**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  $\pm 2\%$ . 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**

Vijaya Annapareddy

Product Quality Specialist

**Reviewed by**

Toni Rantanen

Manager, Quality Assurance

**C of A Approved by**

Christina Gouliaras

Quality Assurance Associate

**Test Date**

8/20/2024

**Retest Date**

8/18/2028