

1. Identification

Catalogue Number

A171870

Lot Number

2-CWA-83-3

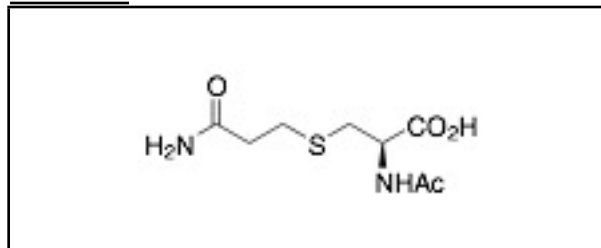
Product Name

N-Acetyl-S-(carbamoyl-ethyl)-L-cysteine

Synonyms

N-Acetyl-S-(3-amino-3-oxopropyl)-L-cysteine; AAMA;

Structure



CAS Number

81690-92-8

Solubility

Aqueous Acid (Slightly), DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₈H₁₄N₂O₄S

Source of Product

Synthetic

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

234.27

Purity

>95%

2. Warnings

Very Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 40.83, %H: 5.83, %N: 11.93

HPLC Purity

>95%

100.00% (ELSD)

MS

Conforms to Structure

Conforms

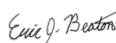
Additional Information

Elemental Analysis: (Theoretical) %C: 41.01, %H: 6.02, %N: 11.96

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



Eric Beaton

Product Quality Specialist

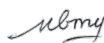
Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



My Nguyen

Quality Assurance Associate

Test Date

4/1/2020

Retest Date

3/30/2027