



## 1. Identification

Catalogue Number

M260450

Lot Number

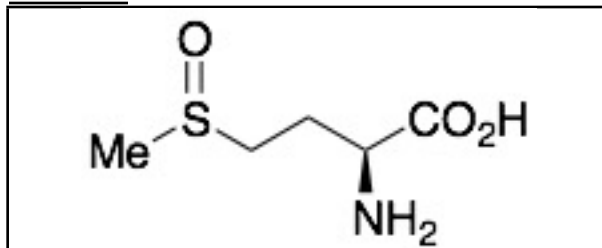
711968687-1-1

Product Name

L-Methionine Sulfoxide

Synonyms

L-2-Amino-4-[methylsulfinyl]butanoic Acid;

StructureCAS Number

3226-65-1

SolubilityAqueous Acid (Slightly), Water  
(Sparingly)Shipping Condition

This Product Is Stable To Be Shipped With Blue Ice

Molecular FormulaC<sub>5</sub>H<sub>11</sub>NO<sub>3</sub>SSource of Product

N/A

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

165.2

Purity

&gt;95%

## 2. Warnings

Hygroscopic, Temperature sensitive

## 3. Analytical Information

Tests

Appearance

Specifications

White to Pale Beige Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 36.26, %H: 6.69, %N: 8.34

HPLC Purity

&gt;95%

99.34% (ELSD)

MS

Conforms to Structure

Conforms

Specific Rotation

Report Result

+46.9° (c = 1.0, Water)

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

R. Swathi

swathi reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Quality Assurance Associate

Test Date

3/18/2024

Retest Date

3/16/2028