



CERTIFICATE OF ANALYSIS

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1. Identification

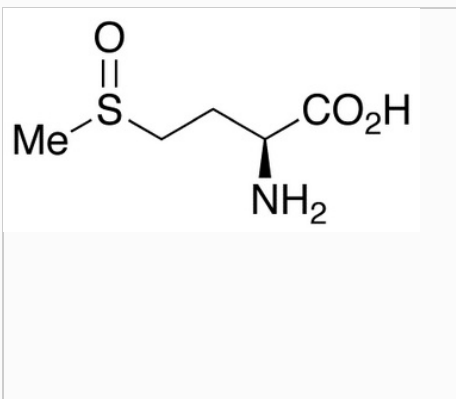
Catalogue Number: M260450

CAS Number: 3226-65-1

Product: L-Methionine Sulfoxide

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

Structure:



Molecular Formula:

C₅H₁₁NO₃S

Molecular weight:

165.2

Source of Product:

N/A

Solubility:

Aqueous Acid (Slightly),
Methanol (Slightly), Water
(Sparingly)

Lot Number: 13-QIU-156-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped
With Blue Ice

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Pale Beige Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 36.25, %H: 7.06, %N: 8.45
HPLC Purity	Report Result	98.86% (ELSD)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+36.9° (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	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Chanell Chu	1/31/2022	1/29/2026