



## CERTIFICATE OF ANALYSIS

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### 1. Identification

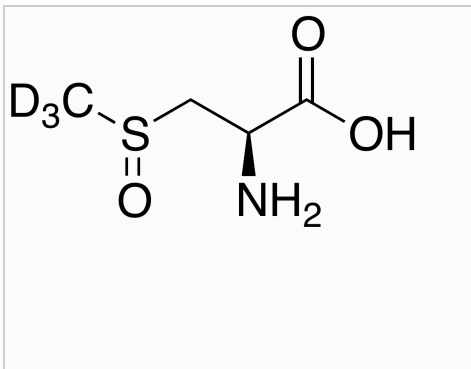
**Catalogue Number:** M299549

**CAS Number:** NA

**Product:** S-Methyl-L-cysteine Sulfoxide-d3

**Synonym:**

**Structure:**



**Molecular Formula:**

C<sub>4</sub>H<sub>6</sub>D<sub>3</sub>NO<sub>3</sub>S

**Molecular weight:**

154.2

**Source of Product:**

Synthetic

**Solubility:**

Methanol (Slightly), Water (Slightly)

**Lot Number:** 4-NRR-3-1

**Purity:** 97%

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

**Storage Condition:** 4°C

### 2. Warning

**Warning 1:**

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

**Tests:**

Appearance

NMR

MS

HPLC Purity

Isotopic Purity

**Specifications:**

White to Off-White Solid

Conforms to Structure

Conforms to Structure

Report Result

>95%

**Results:**

White to Off-White Solid

Conforms

Conforms

95.90% (ELSD)

98.9%

**Additional Information:**

Normalized Intensity: d0 = 0.10%, d1 = 1.53%, d2 = 0.00%, d3 = 98.37%

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**

Henry Tieu

**Reviewed By**

Toni Rantanen

**C of A Approved By**

Chanell Chu

**Test Date**

10/25/2022

**Retest Date**

10/23/2026