

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM102005-01)

Release Date: 13/03/2025

Re-test Date: 12/03/2028

## L-Methionine sulfoxide

### Identification

**Chemical Name :**  
(2S)-2-amino-4-[(RS)-methylsulfinyl]butanoic acid

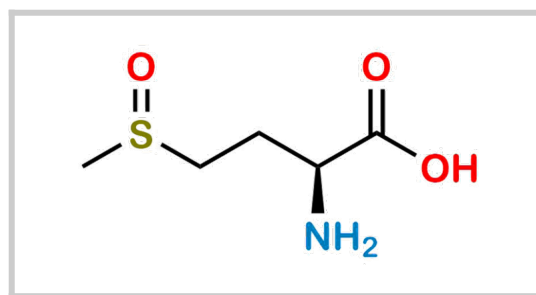
**Alt. Name** : L-methionine sulfoxide (EP)

**CAT No.** : KMM102005

**CAS No.** : 3226-65-1

**Molecular Formula** : C<sub>5</sub>H<sub>11</sub>NO<sub>3</sub>S

**Molecular Weight** : 165.2



### Analytical Information

**Batch No.** : M102005-091-275

**Description** : White Solid

**HPLC Purity** : 99.65 %

**Weight Loss By TGA** : 0.74 %

**% Potency** : 98.91 %

**Solubility** : ACN : Water (1:1)

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

### Additional Information

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be Shipped at Room Temperature

**% Potency** = [100 - 0.74(Weight Loss By TGA)] x [99.65(HPLC Purity)]/100 = 98.91 %

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Parag Patel		13/03/2025
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		13/03/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA