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

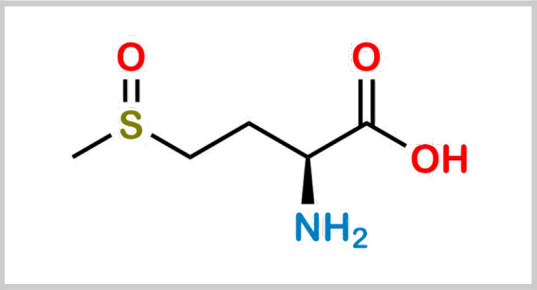
Alt. Name : L-methionine sulfoxide (EP)

CAT No. : KMM102005

CAS No. : 3226-65-1

Molecular Formula : C5H11NO3S

Molecular Weight : 165.2



Analytical Information

Batch No.	: M102005-091-275	**Solubility**	: ACN : Water (1:1)
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.65 %	**IR**	: Confirm
Weight Loss By TGA	: 0.74 %	**1H NMR**	: Confirm
% Potency	: 98.91 %		

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
Prepared By	Analytical	Parag Patel		13/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		13/03/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA