

Certificate Of Analysis

Product Name	N-Acetyl-DL-methionine	Batch No.	2305161556
Sample Qty Base	1000 KGS	Date of Production	2023.05.16
Analysis Date	2023.05.17	Expiry Date	2025.05.15
CAS NO	1115-47-5	Packing	25 kg /Drum
Item	Standard	Test Results	
Appearance	White crystalline or crystalline powder.	Complies	
Solubility	Soluble in water, ethanol and ethyl acetate.	Complies	
Identification	A. Infrared Absorption	Complies	
	B. The retention time of the major peak in the chromatogram of the Assay preparation corresponds to that in the chromatogram of the Standard preparation obtained as directed in the Assay	Complies	
Odor	Has a sulfurous odor	Complies	
Speicific rotation[a] _D 20	- 18.0° ~ -22.0°	-20.8°	
Transmittance	≥95.0%	96.8%	
Heavy Metals	≤20 ppm	<20 ppm	
Arsenic(as As ₂ O ₃)	≤2 ppm	<2 ppm	
Other amino acids	Not detectable	Complies	
Loss on drying	≤0.5%	0.12%	
Residue on ignition	≤0.1%	0.07%	
pH	1.7-3.0	2.5	
Assay	98.0%~102.0%	99.4 %	
Storage	Preserve in a tightly closed container and protected from light	Complies	
Conclusion	The batch conforms to the AJI92 standard		

Reported By: 张丽川 Checked By: 程雪 QC Manager: 郭毅军 QA Manager: 牛建国

