



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-250223
Lot Number: SAMPLE
Product Name: L-Phenylalanine-1-¹³C
CAS Number: 81201-86-7
Molecular Formula: (¹³C)₈H₁₁NO₂
Molecular Weight: 166.18

Test	Specification	Result
Appearance	White powder	Complies
Chiral purity (HPLC)	≤ 1% (D form)	0%
Identification (¹ H-NMR)		Complies
Identification (¹³ C-NMR)		Complies
Purity (HPLC)	≥ 99%	101%
Purity (LCMS)	≥ 99%	100%
Water Content (KF)	≤ 0.5%	0.5%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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