



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-217639
Lot Number: SAMPLE
Product Name: Amoxicillin-13C6
CAS Number:
Molecular Formula: $C_{10}(^{13}C)_6H_{19}N_3O_5S$
Molecular Weight: 371.36
Native Source: Synthetic

Test	Result
Appearance	Off-White Solid
Identification (1H-NMR)	Conforms to structure
Identification (Mass Spectrometry)	Conforms to structure
Isotopic Purity	98.8%
Purity (TLC)	95%
Melting Point	196 - 199 °C
Solubility	Aqueous Acid
Specific Rotation	+206.7° (c = 0.12, 1N Hydrochloric Acid)

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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