



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-490354
Lot Number: SAMPLE
Product Name: D-Glucosamine-2-¹³C Hydrochloride
CAS Number: 66-84-2 (unlabeled)
Molecular Formula: C₅(¹³C)H₁₄ClNO₅
Molecular Weight: 216.63

Test	Specification	Result
Appearance	White to off-white solid	Complies
Identification (NMR)	Conforms to structure	Complies
Identification (Mass Spectrometry)	Conforms to structure	Complies
Isotopic Purity	> 95%	> 99.9%
Purity (HPLC/ELSD)		100.00%
Elemental Analysis		%C: 30.73 %H: 6.15 %N: 5.97
Solubility		Methanol (slightly), Water (Slightly)
Specific Rotation		+56.3° (c = 0.1, water)

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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