



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-217136
Lot Number: SAMPLE
Product Name: 5-Aminolevulinic Acid-3-¹³C Hydrochloride
CAS Number: 129720-95-2
Molecular Formula: C₄(¹³C)H₄NClO₃
Molecular Weight: 168.58
Native Source: Synthetic

Test	Result
Appearance	White Solid
Identification (1H-NMR)	Complies
Identification (13C-NMR)	Complies
Identification (Mass Spectrometry)	Complies
Isotopic Purity	98.5%
Purity (TLC)	97%
Atmosphere	Inert Gas
Elemental Analysis	(Found) %C: 35.43, %H: 5.83, %N: 8.17; (Calculated) %C: 35.74, %H: 5.98, %N: 8.31
Melting Point	150 - 152°C
Solubility	Methanol (Slightly), Water (Slightly)
Chloride	23.45% by Ion Chromatography

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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