



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-203596
Lot Number: SAMPLE
Product Name: (±)-Hexanoylcarnitine chloride
CAS Number: 6920-35-0
Molecular Formula: $C_{13}H_{26}ClNO_4$
Molecular Weight: 295.80

Test	Specification	Result
Appearance		White powder
Chiral purity (HPLC)		100%
Identification (1H -NMR)		Consistent with structure
TLC		$R_f = 0.42$
Melting Point		151 - 153 °C
Carbon Content	52.78%	52.83%
Hydrogen Content	8.86%	8.67%
Nitrogen Content	4.74%	4.78%

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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