



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-477517
Lot Number: SAMPLE
Product Name: Octadecanedioic Acid Mono-L-carnitine Ester
CAS Number: 123233-50-1
Molecular Formula: $C_{25}H_{47}NO_6$
Molecular Weight: 457.64

Test	Specification	Result
Appearance	White to off-white solid	White solid
Identification (NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	White solid	Complies
Purity		98%
Purity (HPLC)		98.98% (ELSD)
Specific Rotation		-13.0° (c = 0.2, Methanol)
Carbon Content		58.06%
Chloride		7.93% by Ion Chromatography
Hydrogen Content		9.96%
Nitrogen Content		2.76%
Water Content		~ 3.8% by Elemental Analysis

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.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 www.scbt.com