



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-206926  
Lot Number: SAMPLE  
Product Name: 4-Nitrophenyl myristate  
CAS Number: 14617-85-7  
Molecular Formula:  $C_{20}H_{31}NO_4$   
Molecular Weight: 349.46

Test	Specification	Result
Appearance (Color)	White to faint yellow	Off-white
Appearance (Form)	Powder or crystals or flakes	Flakes
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 95.0\%$	99.7%
Solution (Color)	Slightly yellow to very deep yellow at 50 mg/ml in chloroform	Complies
Solution (Turbidity)	Clear to very slightly hazy at 50 mg/ml in chloroform	Clear at 50 mg/ml in chloroform
Carbon Content	68.74%	68.73%
Hydrogen Content	8.94%	8.84%
Nitrogen Content	4.01%	3.98%
Suitability	Suitable as a substrate for lipase	Complies

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](http://www.scbt.com)