



The Power to Question

CERTIFICATE OF ANALYSIS

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.

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