



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-206914
Lot Number: SAMPLE
Product Name: 4-Methylumbelliferyl heptanoate
CAS Number: 18319-92-1
Molecular Formula: $C_{17}H_{20}O_4$
Molecular Weight: 288.34

Test	Specification	Result
Appearance	White to off-white powder	White powder
Identification (1H -NMR)	Consistent with structure	Complies
Identification (^{13}C -NMR)	Consistent with structure	Complies
Purity (GC)	$\geq 95\%$	99%
Solution (Color)	Colorless to faint yellow at 50 mg/ml in pyridine	Faint yellow at 50 mg/ml in pyridine
Solution (Turbidity)	Clear at 50 mg/ml in pyridine	Complies
Carbon Content	69.4 - 72.2%	71.0%

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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