



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-257827
Lot Number: SAMPLE
Product Name: N-Acetyl-L-leucine
CAS Number: 1188-21-2
Molecular Formula: $C_8H_{15}NO_3$
Molecular Weight: 173.21

Test	Specification	Result
Appearance	White to off-white crystalline powder	Complies
Assay	$\geq 99\%$	99.2%
Identification (1H-NMR)	Conforms to structure	Complies
TLC	One spot	Complies
Melting point	187-190° C	187-189° C
Specific Rotation ($\alpha_{20/D}$)	-22° to -24° (C=2, C ₂ H ₅ OH)	-23°

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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