



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-489719
Lot Number: SAMPLE
Product Name: Nalpha-(5-Fluoro-2,4-dinitrophenyl)-D-leucinamide
CAS Number: 178065-30-0
Molecular Formula: $C_{12}H_{15}FN_4O_5$
Molecular Weight: 314.27

Test	Specification	Result
Enantiomeric Excess	$\geq 99.0\%$ (LC)	99.9%
HPLC Derivatization	Effective as labeling agent for DL-Phenylalanine	Complies
Purity (HPLC)	$\geq 98.0\%$	99.3%
Melting Point	169.0 - 173.0 °C	170.4 °C
Solution (Clarity)	Almost transparency solution in acetone	Transparency solution in acetone
Specific Rotation ($\alpha_{20/D}$)	-2.0 - -6.0° (C = 1, Acetone)	-3.8°

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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