

Certificate of Analysis

Date of Testing: 2024-11-06 10:29:55

Date of Next Testing: 2028-11-05 10:29:55

Product Name: **N α -(5-Fluoro-2,4-dinitrophenyl)-L-leucinamide [HPLC Labeling Reagent for e.e. Determination]**

CAS Number: 178065-29-7

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: J2431374

SKU #: **N159216**

Version: **2**

Analysis #: **424744**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.26100 %
Melting point	168-172 (°C)	170.30000 °C
Specific Rotation [a] ₂₀ /D(c=1 in Acetone)	3-7 (°)	6.90 °
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Appearance(N159216)	Light yellow to Yellow to Orange powder to crystal	Light Yellow to Yellow to Orange powder to crystal
Effect test of HPLC derivatization	Effective as labeling agent for DL-Phenylalanine	Effective as labeling agent for DL-Phenylalanine



John Su
QA & QC Manager