

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-04 15:05:08

Date of Next Testing: 2030-06-03 15:05:08

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 #: F2603632

SKU #: **N159216**

Version: **2**

Analysis #: **700509**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation [a] _D ²⁰ (c=1 in Acetone)	3-7 (°)	4.69500°
Purity(HPLC)	98-100 (%)	98.42400 %
Melting point	168-172 (°C)	168.02000 °C
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
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager