

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-28 14:08:38

Date of Next Testing: 2029-08-27 14:08:38

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

CAS Number: 178065-30-0

Specifications & Purity: $\geq 98\%$

Lot #: H2518037

SKU #: **N159215**

Version: **1**

Analysis #: **190261**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation [a] _D ²⁰ (c=1 in Acetone)	-6--2 (°)	-5.80000 °
Melting point	169-173 (°C)	169.01000 °C
Purity(HPLC)	98-100 (%)	98.20100 %
Effect test of HPLC	Effective as labeling agent for DL-Phenylalanine	Effective as labeling agent for DL-Phenylalanine
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in Acetone	almost transparency	almost transparency
Appearance(N159215)	Light yellow to Yellow to Orange powder to crystalline	Light yellow to Yellow to Orange powder to crystalline



John Su
QA & QC Manager