

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-16 11:11:49
 Date of Next Testing: 2029-04-15 11:11:49
 Product Name: **N-(2,4-Dinitrophenyl)-L-leucine**
 CAS Number: 1655-57-8
 Specifications & Purity: $\geq 99\%$ (T)
 Lot #: C2531370
 SKU #: **N159165**
 Version: **1**
 Analysis #: **160213**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	96-100 (°C)	97.24000 °C
Assay(Titration)	98.5-100.5 (%)	100.23000 %
Specific rotation $[\alpha]_{20/D}(C=0.5, \text{NaHCO}_3 \text{ aq.}(4\%))$	54-59 (°)	57.12800 °
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager