

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-22 10:23:52
 Date of Next Testing: 2027-02-21 10:23:52
 Product Name: **N-(2,4-Dinitrophenyl)-L-valine**
 CAS Number: 1694-97-9
 Specifications & Purity: $\geq 98\%$
 Lot #: B2316304
 SKU #: **N159703**
 Version: **1**
 Analysis #: **160211**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	98.18000 %
Melting point	127-135 (°C)	128.85000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in AcOH})$	-28~-24 (°)	-24.00000 °
Appearance(N159703)	Light yellow to Yellow to Orange powder to crystal	Light Yellow to Yellow to Orange powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager