

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-25 20:41:22
 Date of Next Testing: 2026-07-24 20:41:22
 Product Name: **N-Carbobenzoxy-DL-leucine**
 CAS Number: 3588-60-1
 Specifications & Purity: $\geq 98\%$ (HPLC)
 Lot #: G2219719
 SKU #: **N159599**
 Version: **0**
 Analysis #: **092981**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in EtOH})}$	-5-5 (°)	0.07900 °
Purity(HPLC)	98-100 (%)	99.62900 %
Melting point	54-57 (°C)	55.82000 °C
Appearance (N159599)	White to Off White Powder, Crystals or yellow oil	White to Off White Powder, Crystals or yellow oil
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager