

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-16 10:01:35

Date of Next Testing: 2024-11-15 10:01:35

Product Name: **N-Carbobenzoxy-DL-alanine**

CAS Number: 4132-86-9

Specifications & Purity: $\geq 98\%$

Lot #: E2309016

SKU #: **Z138817**

Version: **0**

Analysis #: **155899**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	110-116 (°C)	112.30000 °C
Purity(HPLC)	98-100 (%)	98.20400 %
Purity(Neutralization titration)	97.5-102.5 (%)	98.30000 %
Appearance (Z138817)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency



John Su
QA & QC Manager