

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-12 16:40:18
Date of Next Testing: 2029-11-11 16:40:18
Product Name: **N-Carbobenzoxy-L-valine Succinimidyl Ester**
CAS Number: 3496-11-5
Specifications & Purity: $\geq 98\%$
Lot #: L2123288
SKU #: **V116901**
Version: **1**
Analysis #: **596008**
Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Melting point	114-118 ($^{\circ}\text{C}$)	116.52800 $^{\circ}\text{C}$
Specific Rotation $[\alpha]_{20}^{\text{D}}$ (c=1 in Dioxane)	-26--23 ($^{\circ}$)	-25.07 $^{\circ}$
Purity(HPLC)	98-100 (%)	98.38500 %
Appearance (V116901)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager