

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-08 13:21:24
 Date of Next Testing: 2027-05-07 13:21:24
 Product Name: **N-Carbobenzoxy-L-valine Succinimidyl Ester**
 CAS Number: 3496-11-5
 Specifications & Purity: $\geq 98\%$
 Lot #: G1919253
 SKU #: **V116901**
 Version: **1**
 Analysis #: **219134**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Melting point	114-118 (°C)	115.80000 °C
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in Dioxane})}$	-26--23 (°)	-24.30000 °
Purity(HPLC)	98-100 (%)	98.81100 %
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