

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-14 15:31:02
 Date of Next Testing: 2029-08-13 15:31:02
 Product Name: **N-Carbobenzyloxy-L-valine**
 CAS Number: 1149-26-4
 Specifications & Purity: $\geq 99\%$
 Lot #: J2126137
 SKU #: **C105462**
 Version: **1**
 Analysis #: **553778**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.5 (%)	0.03500 %
Melting point	59-62 (°C)	61.80000 °C
Sulfate Ash	0-0.2 (%)	0.00130 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in AcOH})$	-4.9--3.3 (°)	-4.25000 °
Purity(Neutralization titration)	98.5-101.5 (%)	99.70000 %
Appearance (C105462)	white powder	White powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager