

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 #: J2126131
SKU #: **C105462**
Version: **1**
Analysis #: **553778**

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.5 (%)	0.04 %
Melting point	59-62 (°C)	61.80000 °C
Sulfate Ash	0-0.2 (%)	0.00 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in AcOH})$	-4.9--3.3 (°)	-4.25 °
Purity(Neutralization titration)	98.5-101.5 (%)	99.70 %
Appearance (C105462)	white powder	White powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager