

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-24 18:29:25
 Date of Next Testing: 2027-03-23 18:29:25
 Product Name: **N-Carbobenzyloxy-L-aspartic acid**
 CAS Number: 1152-61-0
 Specifications & Purity: $\geq 99\%$
 Lot #: C23181017
 SKU #: **C105459**
 Version: **2**
 Analysis #: **188199**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.5 (%)	0.32000 %
Purity(HPLC area)	99-100 (%)	99.35800 %
Purity(Neutralization titration)	98.5-101.5 (%)	98.60000 %
Specific Rotation [α] ₂₀ /D(c=2 in AcOH)	8.5-10.5 (°)	10.48000 °
Appearance (C105459)	White to Almost white	White to Almost white
	Powder,Crystals,Crystalline Powder and/or Chunks	Powder,Crystals,Crystalline Powder and/or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager