

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-24 18:22:11

Date of Next Testing: 2027-03-23 18:22:11

Product Name: **N-Carbobenzyloxy-L-aspartic acid**

CAS Number: 1152-61-0

Specifications & Purity: $\geq 99\%$

Lot #: C23181013

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	8.5-10.5 (°)	10.48000 °
[a] _D ²⁰ /D(c=2 in AcOH)		
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