

Certificate of Analysis

Date of Testing: 2023-11-17 14:08:24
 Date of Next Testing: 2027-11-16 14:08:24
 Product Name: **N-Carbobenzoxy-DL-aspartic Acid**
 CAS Number: 4515-21-3
 Specifications & Purity: >95.0%(T)
 Lot #: K2313577
 SKU #: **N159601**
 Analysis: **284908**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in AcOH})}$	-1~1 (°)	0.02°
Purity(Neutralization titration)	95-100 (%)	99.67%
Melting point	113-117 (°C)	116.83000 °C
Appearance(N159601)	White to Almost white powder to crystal	White to Almost white powder to crystal
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager