

Certificate of Analysis

Date of Testing: 2025-08-14 14:39:40
Date of Next Testing: 2029-08-13 14:39:40
Product Name: **N-Carbobenzoxy-L-glutamic Acid**
CAS Number: 1155-62-0
Specifications & Purity: $\geq 98\%$
Lot #: J2126442
SKU #: **C113129**
Version: **0**
Analysis #: **553873**

Parameter	Limit Values	Result
Purity(Neutralization titration)	98-102 (%)	99.40 %
Specific Rotation $[\alpha]_{20/D}(c=8 \text{ in AcOH})$	-8--7 ($^{\circ}$)	-7.12 $^{\circ}$
Melting point	118-122 ($^{\circ}\text{C}$)	119.00000 $^{\circ}\text{C}$
Appearance (C113129)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager