

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-29 08:15:49

Date of Next Testing: 2027-03-28 08:15:49

Product Name: **N-Carbobenzoxy-D-glutamic Acid**

CAS Number: 63648-73-7

Specifications & Purity: $\geq 98\%$

Lot #: C23211098

SKU #: **C115955**

Version: **0**

Analysis #: **046533**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	119-121 (°C)	119.90000 °C
Purity(HPLC)	98-100 (%)	99.03600 %
Specific Rotation $[\alpha]_{20/D}(c=8 \text{ in AcOH})$	7-8 (°)	7.29100 °
Appearance (C115955)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency



John Su
QA & QC Manager