

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-15 17:00:21
 Date of Next Testing: 2025-09-14 17:00:21
 Product Name: **1-Benzyl N-Carbobenzoxy-L-glutamate**
 CAS Number: 3705-42-8
 Specifications & Purity: $\geq 95\%$
 Lot #: K2120125
 SKU #: **B133677**
 Version: **0**
 Analysis #: **276858**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	98-102 (°C)	99.54000 °C
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in MeOH})}$	-26--22 (°)	-24.30000 °
Purity(HPLC)	95-100 (%)	98.26600 %
Appearance (B133677)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager