

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-12 11:52:05

Date of Next Testing: 2027-04-11 11:52:05

Product Name: **L-Aspartic acid β -benzyl ester**

CAS Number: 2177-63-1

Specifications & Purity: $\geq 98\%$

Lot #: H1511043

SKU #: **A109015**

Version: **0**

Analysis #: **209645**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 1\text{N HCl})$	24-30 ($^{\circ}$)	25.70000 $^{\circ}$
Purity(Nonaqueous Titration)	97.5-102.5 (%)	97.70000 %
Water by Karl Fischer	0-0.5 (%)	0.33000 %
Appearance (A109015)	White crystal powder	White crystal powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager