

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-21 19:01:13

Date of Next Testing: 2026-09-20 19:01:13

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

CAS Number: 2177-63-1

Specifications & Purity: $\geq 98\%$

Lot #: L1804123

SKU #: **A109015**

Version: **0**

Analysis #: **138356**

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 ($^{\circ}$)	26.16200 $^{\circ}$
Purity(Nonaqueous Titration)	97.5-102.5 (%)	98.42800 %
Water by Karl Fischer	0-0.5 (%)	0.26400 %
Appearance (A109015)	White crystal powder	White crystal powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager