

Certificate of Analysis

Date of Testing: 2024-12-13 19:14:53

Date of Next Testing: 2028-12-12 19:14:53

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

CAS Number: 2177-63-1

Specifications & Purity: $\geq 98\%$

Lot #: L2411476

SKU #: **A109015**

Version: **0**

Analysis #: **371113**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	101.57 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 1\text{N HCl})$	24-30 ($^{\circ}$)	28.14 $^{\circ}$
Water by Karl Fischer	0-0.5 (%)	0.43 %
Appearance (A109015)	White crystal powder	White crystal powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager