

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-03 16:18:50  
Date of Next Testing: 2030-03-02 16:18:50  
Product Name: **L-Aspartic acid  $\beta$ -benzyl ester**  
CAS Number: 2177-63-1  
Specifications & Purity:  $\geq 98\%$   
Lot #: F1804073  
SKU #: **A109015**  
Version: **0**  
Analysis #: **659150**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20}/D(c=1 \text{ in } 1\text{N HCl})$	24-30 ( $^{\circ}$ )	28.27200 $^{\circ}$
Purity(Nonaqueous Titration)	97.5-102.5 (%)	102.48800 %
Water by Karl Fischer	0-0.5 (%)	0.20800 %
Appearance (A109015)	White crystal powder	White crystal powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager