

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-16 09:44:40
Date of Next Testing: 2027-10-16 09:44:40
Product Name: **Diethyl L-Aspartate Hydrochloride**
CAS Number: 16115-68-7
Specifications & Purity: $\geq 98\%$
Lot #: A2404700
SKU #: **H132495**
Version: **0**
Analysis #: **588512**
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	97.5-102.5 (%)	102.25 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	7-9 ($^{\circ}$)	7.93 $^{\circ}$
Purity(HPLC)	98-100 (%)	99.03570 %
Melting point	105-109 ($^{\circ}\text{C}$)	105.11700 $^{\circ}\text{C}$
Appearance (H132495)	White to Almost white powder to crystal	White to Almost white powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager