

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2025-08-04 16:38:57
Date of Next Testing:	2029-08-03 16:38:57
Product Name:	DL-Aspartic acid(DL-Asp)
CAS Number:	617-45-8
Specifications & Purity:	≥98%
Lot #:	G2525094
SKU #	A108708
Version	1
Analysis #:	537223
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	97.5-102.5 (%)	99.30%
Specific Rotation [α] _{25/D} (c=2 in 1 M HCl)	-0.49-0.49 (°)	-0.18°
Carbon by Elemental Analysis	35.4-36.8 (%)	35.88%
Purity(HPLC)	98-100 (%)	99.83000%
Nitrogen by Elemental Analysis	10.3-10.7 (%)	10.44%
Solubility in 1 M HCl , Colorless Clear 50 mg/ml	pass	Pass
Appearance (A108708)	White to Almost white Solid	white to almost white solid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager