

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-13 16:27:41
Date of Next Testing: 2028-12-12 16:27:41
Product Name: **L-Aspartic acid**
CAS Number: 56-84-8
Specifications & Purity: Moligand™, ≥98%
Lot #: B2105053
SKU #: **A137730**
Version: **0**
Analysis #: **449273**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.82500 %
Nitrogen by Elemental Analysis	10.1-10.8 (%)	10.20 %
Carbon by Elemental Analysis	35.4-37 (%)	36.26 %
Specific Rotation [α] ₂₀ /D(c=8 in 6N HCl)	24-26 (°)	24.01 °
Appearance (A137730)	white to off-white powder, crystals and/or chunks	white to off-white powder, crystals and/or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 0.5 N HCl , Colorless to Very Faint Yellow,Clear,50 mg/ml	pass	Pass



John Su
QA & QC Manager