

Certificate of Analysis

Date of Testing: 2025-04-25 18:55:13

Date of Next Testing: 2029-04-24 18:55:13

Product Name: **L-Aspartic acid**

CAS Number: 56-84-8

Specifications & Purity: Moligand™, ≥98%

Lot #: D2517402

SKU #: **A137730**

Version **0**

Analysis #: **503433**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.68700 %
Nitrogen by Elemental Analysis	10.1-10.8 (%)	10.56 %
Carbon by Elemental Analysis	35.4-37 (%)	36.12 %
Specific Rotation [α] ₂₀ /D(c=8 in 6N HCl)	24-26 (°)	24.71 °
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