

Certificate of Analysis

Date of Testing: 2022-03-11 15:58:28

Date of Next Testing: 2026-03-10 15:58:28

Product Name: **L-Aspartic acid**

CAS Number: 56-84-8

Specifications & Purity: 98%

Lot #: C2210051

SKU #: **A137730****Analysis: 226265**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.02300 %
Nitrogen by Elemental Analysis	10.1-10.8 (%)	10.56 %
Carbon by Elemental Analysis	35.4-37 (%)	36.21 %
Specific Rotation [a] _D (c=8 in 6N HCl)	24-26 (°)	24.50°
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