

Certificate of Analysis

Date of Testing: 2024-07-12 14:33:54

Date of Next Testing: 2028-07-11 14:33:54

Product Name: **L-Aspartic acid**

CAS Number: 56-84-8

Specifications & Purity: 98%

Lot #: G2405100

SKU #: **A137730**Version: **0**Analysis #: **387061**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.31500%
Nitrogen by Elemental Analysis	10.1-10.8 (%)	10.54%
Carbon by Elemental Analysis	35.4-37 (%)	36.05%
Specific Rotation [a] _D 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