

## Certificate of Analysis

Date of Testing: 2024-07-10 13:13:49  
Date of Next Testing: 2028-07-09 13:13:49  
Product Name: **L-Aspartic acid**  
CAS Number: 56-84-8  
Specifications & Purity: for cell and insect cell culture, ≥99%(T)  
Lot #: G2409352  
SKU #: **A108861**  
Version: **1**  
Analysis #: **372596**

Parameter	Limit Values	Result
Purity (T)	98.5-101.5 (%)	99.51%
Specific Rotation [α] <sub>20</sub> /D(c=8 in 6N HCl)	24-26 (°)	24.66°
Appearance (A108861)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Solubility in HCl, 50 mg / ml in 0.5 M hydrochloric acid, clear	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Cell Culture Test	pass	Pass
Insect cell culture test	pass	Pass



John Su  
QA & QC Manager