

## Certificate of Analysis

Date of Testing: 2024-12-09 18:29:56  
Date of Next Testing: 2028-12-08 18:29:56  
Product Name: **L-Aspartic acid**  
CAS Number: 56-84-8  
Specifications & Purity: Moligand™, ≥99%  
Lot #: K2429520  
SKU #: **A108860**  
Version: **0**  
Analysis #: **436531**

Parameter	Limit Values	Result
Nitrogen	10.2-10.9 (%)	10.55 %
Carbon	35.5-37.1 (%)	36.12 %
Purity(HPLC)	99-100 (%)	99.71100 %
Specific Rotation [α] <sub>20</sub> /D(c=8 in 6N HCl)	24-26 (°)	24.12°
Appearance (A108860)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Solubility in 0.5 N HCl , Colorless to Very Faint Yellow, Clear, 50 mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager