

Certificate of Analysis

Date of Testing: 2024-03-12 13:24:24

Date of Next Testing: 2028-03-11 13:24:24

Product Name: **L-Alanine-15N**

CAS Number: 25713-23-9

Specifications & Purity: (15N, 98%)

Lot #: C2401105

SKU # **A117758**

Analysis: **315405**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity	98.5-100 (%)	98.84 %
Enrichment	98-100 (atom%)	98.71 atom%
Melting point , $\geq 300^{\circ}\text{C}$	$\geq 300^{\circ}\text{C}$	$\geq 300^{\circ}\text{C}$
Appearance (A117758)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager