

## Certificate of Analysis

Date of Testing: 2023-01-11 15:21:54  
Date of Next Testing: 2025-01-10 15:21:54  
Product Name: **DL-allo-Threonine**  
CAS Number: 144-98-9  
Specifications & Purity:  $\geq 98.0\%$   
Lot #: E1718021  
SKU #: **S138236**  
Analysis: **177748**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.20000 %
Appearance (S138236)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager