

## Certificate of Analysis

Date of Testing: 2023-04-24 11:12:32  
Date of Next Testing: 2025-04-23 11:12:32  
Product Name: **N-Methyl-L-alanine**  
CAS Number: 3913-67-5  
Specifications & Purity: 98%  
Lot #: D2315393  
SKU #: **I133832**  
Analysis: **038045**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.70400 %
Purity(Neutralization titration)	98-100 (%)	99.00 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in } 6\text{mol/L HCl})$	10-12 (°)	10.10°
Appearance (I133832)	White to Off-White Powder or Solid	White to Off-White Powder or Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager