

Certificate of Analysis

Date of Testing: 2024-01-17 13:31:07
Date of Next Testing: 2026-01-16 13:31:07
Product Name: **N-Methyl-L-alanine**
CAS Number: 3913-67-5
Specifications & Purity: 98%
Lot #: F2004161
SKU #: **I133832**
Analysis: **315170**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in } 6\text{mol/L HCl})$	10-12 ($^{\circ}$)	10.95 $^{\circ}$
Purity(HPLC)	98-100 (%)	98.96500%
Purity(Neutralization titration)	98-100 (%)	98.03%
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