

## Certificate of Analysis

Date of Testing: 2024-02-22 10:02:21  
Date of Next Testing: 2026-02-21 10:02:21  
Product Name: **1-Methyl-L-tryptophan**  
CAS Number: 21339-55-9  
Specifications & Purity:  $\geq 95\%$   
Lot #: D2218041  
SKU #: **M138479**  
Analysis: **322241**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20}^D(c=0.2 \text{ in AcOH})$	-14--10 ( $^{\circ}$ )	-10.26 $^{\circ}$
Purity	95-100 (%)	97.25 %
Carbon by Elemental Analysis	62.4-69.6 (%)	63.51 %
Nitrogen by Elemental Analysis	12.1-13.5 (%)	12.99 %
Appearance (M138479)	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