

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-15 17:09:55  
Date of Next Testing: 2025-08-14 17:09:55  
Product Name: **1-Methyl-L-tryptophan**  
CAS Number: 21339-55-9  
Specifications & Purity:  $\geq 95\%$   
Lot #: H2311023  
SKU #: **M138479**  
Analysis: **082026**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20}^D(c=0.2 \text{ in AcOH})$	-14--10 ( $^{\circ}$ )	-10.26 $^{\circ}$
Purity	95-100 (%)	97.78 %
Carbon by Elemental Analysis	62.4-69.6 (%)	66.20 %
Nitrogen by Elemental Analysis	12.1-13.5 (%)	12.24 %
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