

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-16 21:54:04
Date of Next Testing: 2024-02-16 21:54:04
Product Name: **1-Methyl-L-tryptophan**
CAS Number: 21339-55-9
Specifications & Purity: $\geq 95\%$
Lot #: J1526086
SKU #: **M138479**
Analysis: **074344**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20}^D(c=0.2 \text{ in AcOH})$	-14--10 ($^{\circ}$)	-13.70 $^{\circ}$
Purity	95-100 (%)	99.61%
Carbon by Elemental Analysis	62.4-69.6 (%)	62.51%
Nitrogen by Elemental Analysis	12.1-13.5 (%)	13.30%
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