

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-04 17:10:54
 Date of Next Testing: 2026-12-04 17:10:54
 Product Name: **3-N-Methyl-L-histidine**
 CAS Number: 368-16-1
 Specifications & Purity: $\geq 98\%$
 Lot #: L2402445
 SKU #: **N137204**
 Version: **2**
 Analysis #: **445193**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis (anhydrous)	24.3-25.3 (%)	24.30000 %
Carbon by Elemental Analysis(anhydrous)	48.7-50.7 (%)	48.70000 %
Water by Karl Fischer	0-16 (%)	10.10000 %
Purity(HPLC)	98-100 (%)	99.50000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 6 \text{ M HCl})$	9-10 ($^{\circ}$)	9.90000 $^{\circ}$
Appearance (N137204)	White to Off-White Powder	White to Off-White Powder
Solubility,Colorless to faint yellow,clear(50 mg/mL, H ₂ O)	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager