

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-19 10:43:39
 Date of Next Testing: 2025-12-18 10:43:39
 Product Name: **3-N-Methyl-L-histidine**
 CAS Number: 368-16-1
 Specifications & Purity: $\geq 98\%$
 Lot #: C2209192
 SKU #: **N137204**
 Version: **2**
 Analysis #: **306017**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis (anhydrous)	24.3-25.3 (%)	24.69000 %
Carbon by Elemental Analysis(anhydrous)	48.7-50.7 (%)	49.50000 %
Water by Karl Fischer	0-16 (%)	6.15000 %
Purity(HPLC)	98-100 (%)	99.60000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 6 \text{ M HCl})$	9-10 ($^{\circ}$)	9.84000 $^{\circ}$
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