

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-18 13:32:46
Date of Next Testing: 2027-07-17 13:32:46
Product Name: **4-Methylimidazole**
CAS Number: 822-36-6
Specifications & Purity: $\geq 98\%$
Lot #: F2330823
SKU #: **M112296**
Version: **0**
Analysis #: **159855**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	52-56 (°C)	52.71000 °C
Water by Karl Fischer	0-2 (%)	0.61 %
Purity(GC)	98-100 (%)	99.43 %
Appearance (M112296)	White to Yellow Crystals to Powder and/or Chunks	White to Yellow Crystals to Powder and/or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Yellow, Clear, 5%	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager