

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-27 13:03:55

Date of Next Testing: 2028-05-26 13:03:55

Product Name: **4-Methylimidazole**

CAS Number: 822-36-6

Specifications & Purity: $\geq 98\%$

Lot #: E2421303

SKU #: **M112296**

Version: **0**

Analysis #: **334809**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.34000 %
Melting point	52-56 (°C)	52.30000 °C
Water by Karl Fischer	0-2 (%)	0.71580 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
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



John Su
QA & QC Manager