

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-09 11:24:45

Date of Next Testing: 2026-03-08 11:24:45

Product Name: **4-Methylimidazole**

CAS Number: 822-36-6

Specifications & Purity: $\geq 98\%$

Lot #: B2217334

SKU #: **M112296**

Version: **0**

Analysis #: **058257**

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

Parameter	Limit Values	Result
Melting point	52-56 (°C)	53.69000 °C
Water by Karl Fischer	0-2 (%)	0.98330 %
Purity(GC)	98-100 (%)	98.05800 %
Appearance (M112296)	White to Yellow Crystals to Powder and/or Chunks	White to Yellow Crystals to Powder and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
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