

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-08 11:48:36  
Date of Next Testing: 2026-08-08 11:48:36  
Product Name: **5-Methylpyrazole-3-carboxylic Acid Methyl Ester**  
CAS Number: 25016-17-5  
Specifications & Purity: 97%  
Lot #: D1721012  
SKU #: **M138556**  
Version: **0**  
Analysis #: **396771**

Parameter	Limit Values	Result
Melting point	81-85 (°C)	83.18000 °C
Purity(HPLC)	97-100 (%)	97.14600 %
Appearance (M138556)	White to Yellow to Brown Powder, Crystals or Solid	White to Yellow to Brown Powder, Crystals or Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager