

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-22 17:40:48  
Date of Next Testing: 2027-03-21 17:40:48  
Product Name: **5-Phenyl-3-(trifluoromethyl)-1H-pyrazole**  
CAS Number: 4027-54-7  
Specifications & Purity: 98%  
Lot #: C2315819  
SKU #: **P160639**  
Analysis: **177055**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.85%
Melting point	122-126 (°C)	123.34000 °C
Appearance(P160639)	White to Orange to Green powder to crystal	White to Orange to Green powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager