

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-04 02:16:58

Date of Next Testing: 2027-04-03 02:16:58

Product Name: **Pyrazole-3-carboxaldehyde**

CAS Number: 3920-50-1

Specifications & Purity: $\geq 98\%$

Lot #: C2330525

SKU #: **P140216**

Version: **1**

Analysis #: **195847**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.06 %
Melting point	149-153 (°C)	149.68000 °C
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(P140216)	White to Orange to Green powder to crystal	White to Orange to Green powder to crystal

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

John Su
QA & QC Manager