

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-31 09:01:23

Date of Next Testing: 2027-07-30 09:01:23

Product Name: **4-Pyrazolecarboxylic acid**

CAS Number: 37718-11-9

Specifications & Purity: 98%

Lot #: G2321960

SKU #: **P119073**

Version: **0**

Analysis #: **245094**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.47600 %
Appearance (P119073)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager