

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-25 15:52:29

Date of Next Testing: 2026-12-24 15:52:29

Product Name: **3-Amino-4-bromo-1-methylpyrazole**

CAS Number: 146941-72-2

Specifications & Purity: 98%

Lot #: L2314020

SKU #: **A181564**

Analysis: **051969**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.20500 %
Melting point	93-99 (°C)	93.15000 °C
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Appearance(A181564)	Pale yellow to yellow to brown Crystals or powder or crystalline powder	Pale yellow to yellow to brown Crystals or powder or crystalline powder

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

John Su
QA & QC Manager