

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-05 13:32:01

Date of Next Testing: 2026-06-04 13:32:01

Product Name: **4-Bromo-1-isobutylpyrazole**

CAS Number: 1184394-32-8

Specifications & Purity: $\geq 96\%$

Lot #: E2329666

SKU #: **B179862**

Version: **2**

Analysis #: **214664**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	96-100 (%)	96.26300 %
LC-MS for identification	Conforms	Conforms
NMR Spectrum 1H	conforms to structure	Conforms to Structure

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

John Su
QA & QC Manager