

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-18 14:10:43

Date of Next Testing: 2024-02-18 14:10:43

Product Name: **3-Bromopyrazole**

CAS Number: 14521-80-3

Specifications & Purity: $\geq 97\%$

Lot #: B2215324

SKU #: **B132639**

Version: **0**

Analysis #: **061231**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	98.92800 %
Purity(O2 AgNO3 titration with after combustion)	96.5-103.5 (%)	100.50000 %
Appearance (B132639)	White to yellow powder or crystals	White to yellow powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager