

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-06 09:26:26
 Date of Next Testing: 2025-05-26 09:26:26
 Product Name: **4-Bromopyrazole**
 CAS Number: 2075-45-8
 Specifications & Purity: $\geq 99\%$
 Lot #: H2130388
 SKU #: **B119149**
 Version: **0**
 Analysis #: **235088**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	98.5-101.5 (%)	98.99000 %
Purity(GC)	99-100 (%)	99.20800 %
Melting point	95-99 (°C)	96.50000 °C
Appearance (B119149)	white to off-white powder, crystals and/or chunks	white to off-white powder, crystals and/or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager