QualityAssurance@aladdinsci.com

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-10-09 15:25:44
Date of Next Testing:	2026-09-29 15:25:44
Product Name:	**4-Bromopyrazole**
CAS Number:	2075-45-8
Specifications & Purity:	≥99%
Lot #:	E1930264
SKU #	**B119149**
Version	**0**
Analysis #:	**416606**
Storage Temperature:	Room temperature,Argon charged

Parameter	**Limit Values**	**Result**
Purity(Titration by AgNO3)	98.5-101.5（%）	98.89000 %
Purity(GC)	99-100（%）	99.15000 %
Melting point	95-99（℃）	97.29600 ℃
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