

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-10 15:26:25

Date of Next Testing: 2026-11-09 15:26:25

Product Name: **5-bromopyrazine-2,3-diamine**

CAS Number: 89123-58-0

Specifications & Purity: $\geq 98\%$

Lot #: K2306033

SKU #: **B178041**

Version: **2**

Analysis #: **287419**

Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.73100 %
Appearance(B178041)	white to off-white to brown powder to crystal	White to off-white to brown powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager