

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-15 11:47:42

Date of Next Testing: 2024-03-14 11:47:42

Product Name: **2-Bromopyrazine**

CAS Number: 56423-63-3

Specifications & Purity: $\geq 97\%$

Lot #: C2209452

SKU #: **B135014**

Version: **0**

Analysis #: **075443**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	99.39300 %
Purity(O ₂ AgNO ₃ titration with after combustion)	96.5-103.5 (%)	99.98000 %
Refractive index n _{20/D}	1.577-1.581	1.58040
Appearance (B135014)	colorless to yellow to brown liquid	colorless to yellow to brown liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager