

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-19 13:34:19  
Date of Next Testing: 2027-09-19 13:34:19  
Product Name: **2-Bromopyrazine**  
CAS Number: 56423-63-3  
Specifications & Purity:  $\geq 97\%$   
Lot #: C2209522  
SKU #: **B135014**  
Version: **0**  
Analysis #: **573744**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	99.39%
Purity(O <sub>2</sub> AgNO <sub>3</sub> titration with after combustion)	96.5-103.5 (%)	99.94%
Refractive index n <sub>20/D</sub>	1.577-1.581	1.58
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