

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-22 15:48:48
 Date of Next Testing: 2025-12-21 15:48:48
 Product Name: **2-Bromopyrazine**
 CAS Number: 56423-63-3
 Specifications & Purity: $\geq 97\%$
 Lot #: L2416532
 SKU #: **B135014**
 Version: **0**
 Analysis #: **307994**
 Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	99.39100 %
Purity(O ₂ AgNO ₃ titration with after combustion)	96.5-103.5 (%)	99.95000 %
Refractive index n _{20/D}	1.577-1.581	1.58020
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