

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-20 18:39:59

Date of Next Testing: 2025-06-09 18:39:59

Product Name: **4-Bromo-1-butene**

CAS Number: 5162-44-7

Specifications & Purity: $\geq 97\%$

Lot #: F2310033

SKU #: **B106906**

Version: **0**

Analysis #: **231133**

Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.461-1.466	1.46300
Purity(GC)	97-100 (%)	99.66400 %
Density (20°C)	1.331-1.346	1.34100
Appearance (B106906)	Colorless to light yellow or brown Liquid	Colorless to light yellow or brown Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Stabilizer (silver wool)	Conforms	Conforms



John Su
QA & QC Manager