

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-09 13:37:22

Date of Next Testing: 2024-07-29 13:37:22

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

CAS Number: 5162-44-7

Specifications & Purity: $\geq 97\%$

Lot #: H2204292

SKU #: **B106906**

Version: **0**

Analysis #: **101615**

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

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	98.74400 %
Refractive index n _{20/D}	1.461-1.466	1.46310
Density (20°C)	1.331-1.346	1.33200
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