

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-15 13:20:37  
Date of Next Testing: 2026-06-14 13:20:37  
Product Name: **3-Bromo-1-butyne**  
CAS Number: 18668-72-9  
Specifications & Purity:  $\geq 90\%$   
Lot #: F2309224  
SKU #: **B476941**  
Version: **1**  
Analysis #: **222003**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	90-100 (%)	97.01500 %
Refractive index n <sub>20</sub> /D	1.462-1.482	1.47360
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(B476941)	Colorless to Very Dark Brown Liquid	Colorless to Very Dark Brown Liquid



John Su  
QA & QC Manager