

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-15 14:12:08

Date of Next Testing: 2025-06-04 14:12:08

Product Name: **3-Butyn-2-one**

CAS Number: 1423-60-5

Specifications & Purity: $\geq 97\%$

Lot #: F2310031

SKU #: **B101576**

Version: **2**

Analysis #: **228162**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Density (20°C)	0.875-0.88	0.87800
Purity(GC)	97-100 (%)	98.90000 %
Refractive index n _{20/D}	1.404-1.41	1.40600
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (B101576)	Colorless to yellow to brown or orange-brown liquid	Colorless to yellow to brown or orange-brown liquid



John Su
QA & QC Manager