

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-04 14:56:21

Date of Next Testing: 2026-09-03 14:56:21

Product Name: **1-Bromo-3,6,9,12-tetraoxapentadec-14-yne**

CAS Number: 1308299-09-3

Specifications & Purity: $\geq 95\%$

Lot #: H2329160

SKU #: **B586947**

Version: **2**

Analysis #: **252094**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	96.60 %
Appearance(B586947)	Light yellow to yellow Liquid	light yellow to yellow liquid
LC-MS for identification	Conforms	Conforms
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager