

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-28 17:47:17
Date of Next Testing: 2026-07-27 17:47:17
Product Name: **Ethyl acetoacetate-1,2,3,4-¹³C₄**
CAS Number: 84508-55-4
Specifications & Purity: 99 atom% ¹³C, 98% (CP)
Lot #: G2315718
SKU #: **E474098**
Analysis: **243082**
Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	100.00 %
¹³ C Enrichment	99-100 (%)	99.10000 %
Water by Karl Fischer	0-0.5 (%)	0.40 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
¹³ C NMR Spectrum	Conforms to Structure	Conforms to Structure
Appearance(E474098)	Clear Colorless Liquid	Clear Colorless Liquid



John Su
QA & QC Manager