

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-05 11:08:40

Date of Next Testing: 2029-09-04 11:08:40

Product Name: **Ethyl 2-chloroacetoacetate**

CAS Number: 609-15-4

Specifications & Purity: $\geq 96\%$

Lot #: L2103079

SKU #: **E124653**

Version: **0**

Analysis #: **567330**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.175-1.185	1.18000
Refractive index n _{20/D}	1.438-1.448	1.44200
Purity(GC)	95-100 (%)	97.76000 %
Appearance (E124653)	colorless to brown liquid	colorless to brown liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager