

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-30 17:59:31  
Date of Next Testing: 2030-04-29 17:59:31  
Product Name: **Ethyl chloroacetate**  
CAS Number: 105-39-5  
Specifications & Purity: AR, ≥99%  
Lot #: D2627152  
SKU #: **E105166**  
Version: **1**  
Analysis #: **696373**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.65500 %
Density (20°C)	1.151-1.155	1.15470
Refractive index n <sub>20</sub> /D	1.42-1.423	1.42180
Appearance (E105166)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager