

## Certificate of Analysis

Date of Testing: 2023-08-02 11:04:01  
Date of Next Testing: 2027-08-01 11:04:01  
Product Name: **Chloroacetic Acid tert-Butyl Ester**  
CAS Number: 107-59-5  
Specifications & Purity: 98%  
Lot #: G2326237  
SKU #: **C111421**  
**Analysis:** **247023**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.049-1.057	1.05
Refractive index n <sub>20</sub> /D	1.421-1.425	1.42
Purity(GC)	98-100 (%)	99.44%
Appearance (C111421)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager