

## Certificate of Analysis

Date of Testing: 2023-08-25 16:25:14  
Date of Next Testing: 2027-08-24 16:25:14  
Product Name: **tert-Butyl 2,2,2-trichloroacetimidate**  
CAS Number: 98946-18-0  
Specifications & Purity: 97%  
Lot #: H2322674  
SKU #: **T122559**  
**Analysis:** **260904**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(O2 AgNO3 titration with after combustion)	96.5-103.5 (%)	96.50%
Refractive index n20/D	1.454-1.458	1.46
Density (20°C)	1.218-1.224	1.22
Purity(GC)	97-100 (%)	97.12%
Appearance (T122559)	Colorless to pale yellow liquid or solid	Colorless to pale yellow liquid or solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager