

## Certificate of Analysis

Date of Testing: 2023-08-25 16:29:29  
Date of Next Testing: 2027-08-24 16:29:29  
Product Name: **tert-Butyl 2,2,2-trichloroacetimidate**  
CAS Number: 98946-18-0  
Specifications & Purity: 97%  
Lot #: H2322676  
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                    |



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