

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-21 17:52:02  
Date of Next Testing: 2027-09-20 17:52:02  
Product Name: **2,2,2-Trichloroethyl chloroformate**  
CAS Number: 17341-93-4  
Specifications & Purity: 97%  
Lot #: I2320328  
SKU #: **T109476**  
Analysis: **280003**

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	99.19%
Density (20°C)	1.574-1.582	1.58
Refractive index n <sub>20</sub> /D	1.469-1.472	1.47
Appearance (T109476)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager