

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-25 13:15:14  
Date of Next Testing: 2026-11-24 13:15:14  
Product Name: **2,2,2-Trichloroethyl chloroformate**  
CAS Number: 17341-93-4  
Specifications & Purity: 99%  
Lot #: K2222873  
SKU #: **T109477**  
**Analysis: 130814**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.469-1.472	1.47
Purity(GC)	99-100 (%)	99.45 %
Density (20°C)	1.574-1.582	1.57
Appearance (T109477)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager