

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-15 16:41:15  
 Date of Next Testing: 2027-10-15 16:41:15  
 Product Name: **4-Chlorophenyl chloroformate**  
 CAS Number: 7693-45-0  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: A2404467  
 SKU #: **C139256**  
 Version: **0**  
 Analysis #: **588491**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                        | Limit Values                               | Result                                     |
|--------------------------------------------------|--------------------------------------------|--------------------------------------------|
| Purity(GC)                                       | 98-100 (%)                                 | 98.17 %                                    |
| Density (20°C)                                   | 1.384-1.399                                | 1.39                                       |
| Purity(O2 AgNO3 titration with after combustion) | 97.5-102.5 (%)                             | 99.80 %                                    |
| Refractive index n20/D                           | 1.532-1.536                                | 1.53                                       |
| Appearance (C139256)                             | Colorless to almost colorless clear liquid | Colorless to almost colorless clear liquid |
| Proton NMR spectrum                              | Conforms to Structure                      | Conforms to Structure                      |



John Su  
QA & QC Manager