

Shanghai yuanye Bio-Technology Co., Ltd  
465 Changta Road, SongJiang District, Shanghai 201604, China

## Certificate of Analysis

Date of Testing: 2026-06-10 11:40:47  
Date of Next Testing: 2028-06-10 11:40:47  
Product Name: **4-Nitrophenyl Chloroformate**  
CAS Number: 7693-46-1  
Specifications & Purity:  $\geq 98\%$ (T)  
Lot #: E2530151  
SKU #: **S76268**  
Version: **0**  
Analysis #: **521968**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                       | Limit Values                                                           | Result                                                                 |
|---------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------|
| Purity (Argentmetric Titration) | 97.5-102.5 (%)                                                         | 102.40 %                                                               |
| Melting point                   | 74-85 (°C)                                                             | 84.20000 °C                                                            |
| Purity(HPLC)                    | 98-100 (%)                                                             | 98.30000 %                                                             |
| Proton NMR spectrum             | Conforms to Structure                                                  | Conforms to Structure                                                  |
| Appearance(S76268)              | White to Orange to Green to pale gray powder to crystal to fused solid | White to Orange to Green to pale gray powder to crystal to fused solid |

Quality Assurance : Xiaoyong Tan  
Quality Control : Yunfei Zou

