

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-20 12:03:52  
 Date of Next Testing: 2026-07-10 12:03:52  
 Product Name: **Palmitoyl chloride**  
 CAS Number: 112-67-4  
 Specifications & Purity:  $\geq 96\%$ (T)  
 Lot #: G2416611  
 SKU #: **P106415**  
 Version: **0**  
 Analysis #: **345336**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                               | Limit Values                         | Result                               |
|-----------------------------------------|--------------------------------------|--------------------------------------|
| Purity(Titration by AgNO <sub>3</sub> ) | 95.5-104.5 (%)                       | 96.01000 %                           |
| Density (20°C)                          | 0.907-0.911                          | 0.90800                              |
| Purity(GC)                              | 96-100 (%)                           | 96.07500 %                           |
| Refractive index n <sub>20</sub> /D     | 1.45-1.453                           | 1.45290                              |
| Appearance (P106415)                    | Clear to Slightly Hazy Liquid        | Clear to Slightly Hazy Liquid        |
| Appearance (P106415Color)               | Colorless or White to to Pale Yellow | Colorless or White to to Pale Yellow |
| Infrared spectrum                       | Conforms to Structure                | Conforms to Structure                |



John Su  
QA & QC Manager