

## **CERTIFICATE OF ANALYSIS**

The Power to Question

Catalog Number: sc-281122

Lot Number: SAMPLE

Product Name: Palmitoyl chloride

CAS Number: 112-67-4Molecular Formula:  $C_{16}H_{31}CIO$ Molecular Weight: 274.87

| Test                               | Specification                   | Result                              |
|------------------------------------|---------------------------------|-------------------------------------|
| Appearance                         | Colorless to pale yellow liquid | Very faintly greenish-yellow liquid |
| Identification (Infrared Spectrum) | Consistent with structure       | Complies                            |
| Purity (GC)                        | ≥ 97.5%                         | 99.4%                               |
| Refractive Index (n20/D)           | 1.452 ± 0.002                   | 1.452                               |

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