

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-27 10:15:27  
 Date of Next Testing: 2024-11-23 10:15:27  
 Product Name: **Acetyl chloride**  
 CAS Number: 75-36-5  
 Specifications & Purity:  $\geq 99\%$ , colorless  
 Lot #: E2423148  
 SKU #: **A108664**  
 Version: **2**  
 Analysis #: **357143**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                               | Limit Values          | Result                |
|-----------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20</sub> /D     | 1.387-1.391           | 1.38900               |
| Purity(GC)                              | 99-100 (%)            | 99.71400 %            |
| Purity(Titration by AgNO <sub>3</sub> ) | 98.5-101.5 (%)        | 99.33000 %            |
| Density (20°C)                          | 1.105-1.109           | 1.10500               |
| Appearance (A108664)                    | Colorless Liquid      | Colorless liquid      |
| Proton NMR spectrum                     | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager