

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-30 01:50:28  
 Date of Next Testing: 2025-03-19 01:50:28  
 Product Name: **2-Chloropropionyl chloride**  
 CAS Number: 7623-09-8  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: C2324532  
 SKU #: **C102420**  
 Version: **0**  
 Analysis #: **418286**  
 Storage Temperature: Room temperature

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Refractive index n <sub>20</sub> /D | 1.437-1.441                      | 1.43920                          |
| Purity(Titration)                   | 96.5-103.5 (%)                   | 99.70000 %                       |
| Purity(GC)                          | 97-100 (%)                       | 98.41200 %                       |
| Density (20°C)                      | 1.28-1.286                       | 1.28300                          |
| Appearance (C102420)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum                   | Conforms to Structure            | Conforms to Structure            |



John Su  
 QA & QC Manager