

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-19 10:51:04

Date of Next Testing: 2027-08-09 10:51:04

Product Name: **4-Chlorobenzoyl chloride**

CAS Number: 122-01-0

Specifications & Purity:  $\geq 98\%$ (GC)

Lot #: B2209234

SKU #: **C106079**

Version: **0**

Analysis #: **555400**

Storage Temperature: Argon charged

| Parameter                          | Limit Values          | Result                |
|------------------------------------|-----------------------|-----------------------|
| Purity (Titration by NaOH)         | 97.5-102.5 (%)        | 99.61 %               |
| Density (20°C)                     | 1.364-1.367           | 1.37                  |
| Refractive index n <sub>20/D</sub> | 1.578-1.58            | 1.58                  |
| Purity(GC)                         | 98-100 (%)            | 99.21 %               |
| Appearance (C106079)               | Colorless liquid      | Colorless liquid      |
| Infrared spectrum                  | Conforms to Structure | Conforms to Structure |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager