

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-22 15:04:12  
 Date of Next Testing: 2026-03-22 15:04:12  
 Product Name: **3,5-Dimethylbenzoyl chloride**  
 CAS Number: 6613-44-1  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: L2410122  
 SKU #: **D100766**  
 Version: **0**  
 Analysis #: **330130**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Purity(GC)                          | 97-100 (%)                       | 98.83300 %                       |
| Density (20°C)                      | 1.136-1.142                      | 1.14100                          |
| Refractive index n <sub>20</sub> /D | 1.544-1.548                      | 1.54520                          |
| Appearance (D100766)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                 | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager