

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-04 15:11:24  
 Date of Next Testing: 2025-08-24 15:11:24  
 Product Name: **Cinnamoyl chloride**  
 CAS Number: 102-92-1  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: H2328385  
 SKU #: **C106841**  
 Version: **0**  
 Analysis #: **262054**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                                                    | Limit Values                                          | Result                                                |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|
| Purity(Titration by AgNO <sub>3</sub> )                                                      | 96.5-102.5 (%)                                        | 101.14000 %                                           |
| Purity(GC)                                                                                   | 97-100 (%)                                            | 98.76500 %                                            |
| Appearance (C106841)                                                                         | White to Orange to Brown<br>Powder, Crystals or Solid | White to Orange to Brown<br>Powder, Crystals or Solid |
| Infrared spectrum                                                                            | Conforms to Structure                                 | Conforms to Structure                                 |
| Proton NMR spectrum                                                                          | Conforms to Structure                                 | Conforms to Structure                                 |
| Solubility in CH <sub>2</sub> CL <sub>2</sub> , Colorless to Light<br>Yellow, Clear, 50mg/ml | pass                                                  | Pass                                                  |



John Su  
QA & QC Manager