

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2023-05-18 10:23:00

Date of Next Testing: 2025-05-07 10:23:00

Product Name: **Cinnamoyl chloride**

CAS Number: 102-92-1

Specifications & Purity:  $\geq 97\%$

Lot #: E2309911

SKU #: **C106841**

Version: **0**

Analysis #: **186858**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                                                    | Limit Values                                          | Result                                                |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|
| Purity(Titration by AgNO <sub>3</sub> )                                                      | 96.5-102.5 (%)                                        | 101.02000 %                                           |
| Purity(GC)                                                                                   | 97-100 (%)                                            | 98.23400 %                                            |
| 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