

## Certificate of Analysis

Date of Testing: 2023-05-24 09:21:00

Date of Next Testing: 2025-05-13 09:21:00

Product Name: **Cinnamoyl chloride**

CAS Number: 102-92-1

Specifications & Purity: 97%

Lot #: E2309900

SKU #: **C106841**

**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 (%)                                     | 101.02 %                                           |
| Purity(GC)                                                                                | 97-100 (%)                                         | 98.23 %                                            |
| Appearance (C106841)                                                                      | White to Orange to Brown Powder, Crystals or Solid | White to Orange to Brown 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 Yellow, Clear, 50mg/ml | pass                                               | Pass                                               |



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