

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2022-11-01 09:50:55

Date of Next Testing: 2024-10-21 09:50:55

Product Name: **3,5-Dinitrobenzoyl chloride**

CAS Number: 99-33-2

Specifications & Purity: for HPLC derivatization, ≥99%

Lot #: J2228304

SKU #: **D100650**

Version: **0**

Analysis #: **146925**

Storage Temperature: Room temperature, Argon charged

| Parameter                  | Limit Values                                      | Result                                            |
|----------------------------|---------------------------------------------------|---------------------------------------------------|
| Purity(Titration by AgNO3) | 99-102.5 (%)                                      | 100.74000 %                                       |
| Melting point              | 68-71 (°C)                                        | 70.36000 °C                                       |
| Appearance (D100650)       | Yellow to Orange to Tan Solid, Powder or Crystals | Yellow to Orange to Tan Solid, Powder or Crystals |
| HPLC derivatization test   | Pass                                              | Pass                                              |
| Infrared spectrum          | Conforms to Structure                             | Conforms to Structure                             |
| Solubility in Toluene      | almost transparency                               | almost transparency                               |



John Su  
QA & QC Manager