

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-07 14:51:44  
 Date of Next Testing: 2028-04-06 14:51:44  
 Product Name: **Dansyl chloride**  
 CAS Number: 605-65-2  
 Specifications & Purity: BioReagent, for fluorescence analysis, ≥99%(HPLC)  
 Lot #: D2503002  
 SKU #: **D755545**  
 Version: **1**  
 Analysis #: **493701**  
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

| Parameter                                                                               | Limit Values                                                                              | Result                                                                                    |
|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Purity(HPLC area)                                                                       | 99-100 (%)                                                                                | 100.00000 %                                                                               |
| Fluorescence (Emmission Max) (Ex. 337 nm in CHCl <sub>3</sub> , Hexylamine)             | 487-497 (nm)                                                                              | 488.00000 nm                                                                              |
| Appearance(D755545)                                                                     | Light Yellow to Dark Yellow to Dark Orange to Orange-Yellow Powder or Crystals with Lumps | Light Yellow to Dark Yellow to Dark Orange to Orange-Yellow Powder or Crystals with Lumps |
| Infrared spectrum                                                                       | Conforms to Structure                                                                     | Conforms to Structure                                                                     |
| Solubility:0.2g in 10ml Acetone, Yellow to Very Deep Yellow - Orange,Clear to Very Hazy | Confirmed                                                                                 | Confirmed                                                                                 |



John Su  
QA & QC Manager