

## Certificate of Analysis

Date of Testing: 2023-07-18 09:07:25  
Date of Next Testing: 2025-07-17 09:07:25  
Product Name: **Dansyl Chloride**  
CAS Number: 605-65-2  
Specifications & Purity:  $\geq 98.0\%$ (HPLC)  
Lot #: G2303286  
SKU #: **D133513**  
Version: **1**  
Analysis #: **242157**  
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	98-100 (%)	99.57%
Nitrogen by Elemental Analysis	4.6-5.5 (%)	5.18%
Carbon by Elemental Analysis	51.9-54.4 (%)	52.64%
Melting point	68-75 (°C)	72.44000 °C
Purity(HPLC)	98-100 (%)	99.41300%
Appearance (D133513)	Yellow to Yellow-Orange Powder	Yellow to Yellow-Orange Powder
Solubility in Acetone , Yellow to deep orange, clear to hazy, 20mg/mL	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager