

Certificate of Analysis

Date of Testing: 2023-03-18 15:52:50
 Date of Next Testing: 2025-03-17 15:52:50
 Product Name: **Dansyl Chloride**
 CAS Number: 605-65-2
 Specifications & Purity: $\geq 98.0\%$ (HPLC)
 Lot #: C2315274
 SKU #: **D133513**
Analysis: **191989**
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	98-100 (%)	99.56 %
Nitrogen by Elemental Analysis	4.6-5.5 (%)	4.92 %
Carbon by Elemental Analysis	51.9-54.4 (%)	52.85 %
Melting point	68-75 (°C)	74.28000 °C
Purity(HPLC)	98-100 (%)	99.60700 %
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