

Certificate of Analysis

Date of Testing: 2023-01-07 11:45:33
Date of Next Testing: 2025-01-06 11:45:33
Product Name: **Dansyl Chloride**
CAS Number: 605-65-2
Specifications & Purity: $\geq 98.0\%$ (HPLC)
Lot #: A2303148
SKU #: **D133513**
Analysis: 159833
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	98-100 (%)	99.36 %
Nitrogen by Elemental Analysis	4.6-5.5 (%)	5.14 %
Carbon by Elemental Analysis	51.9-54.4 (%)	52.63 %
Melting point	68-75 (°C)	71.24000 °C
Purity(HPLC)	98-100 (%)	99.90800 %
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