

Certificate of Analysis

Date of Testing: 2023-03-08 13:12:56

Date of Next Testing: 2025-03-07 13:12:56

Product Name: **Dansylhydrazine**

CAS Number: 33008-06-9

Specifications & Purity: $\geq 95\%$ (HPLC)

Lot #: B2328545

SKU #: **D121503**

Analysis: 173209

Parameter	Limit Values	Result
Sulfur by Elemental Analysis	11.7-12.4 (%)	12.15 %
Nitrogen by Elemental Analysis	15.4-16.2 (%)	15.83 %
Carbon by Elemental Analysis	53-55.7 (%)	54.28 %
Purity(HPLC)	95-100 (%)	99.17800 %
Appearance (D121503)	Yellow to Green Powder or Crystals	Yellow to Green Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Yellow to Green, Clear, 50 mg/ml in ethanol	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager